

# UTAH MUSEUM OF NATURAL HISTORY

GRAPHIC ELEVATIONS

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80% FINAL DESIGN DOCUMENTS  
PREPARED BY RALPH APPELBAUM ASSOCIATES  
SUBMITTED FOR REVIEW DECEMBER 19, 2008

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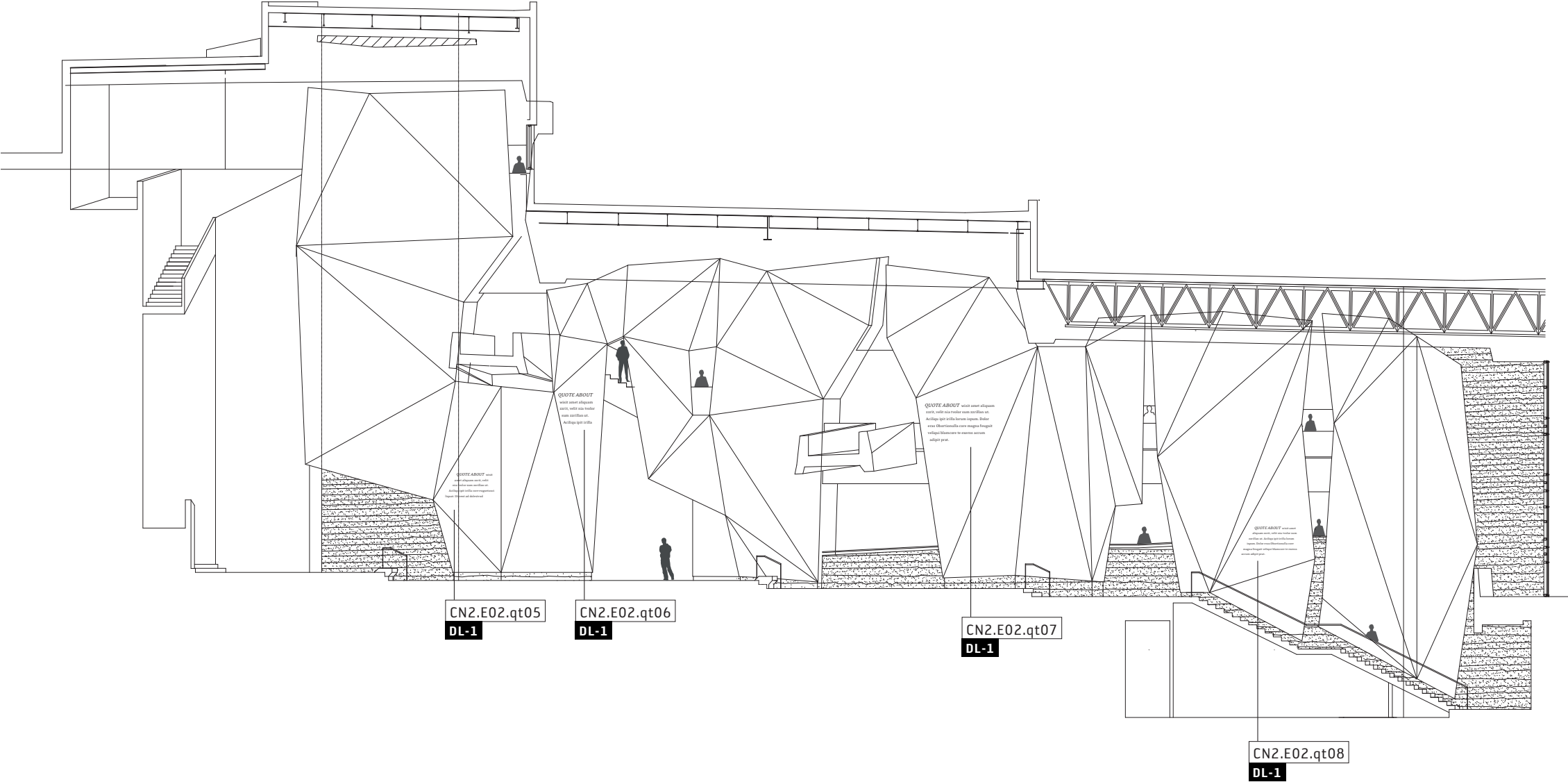


GRAPHIC TYPICALS

FINISH CODE	DESCRIPTION	SPECIFICATIONS	USAGE
LG-1	High-pressure laminated graphic	iZone or Folia, cashmere finish, eased edge	Graphic rails, ID wheels, and tabletops
DP-1	Digital print on fabric	Evergreen fabric jet text, or firesafe, or rollout, wrapped on 1/4" substrate or adhered to GWB (see panel schedule)	Large format images (photomurals)
IJ-1	Inkjet print	Wrapped on 3/16" sintra, matte finish	Small and medium format images (on vertical surfaces and in casework)
IJ-2	Inkjet print	Adhered to second surface of glass or acrylic	
DS-1	Direct to substrate print		Photographs and diagrams on MDF substrate
SS-1	Silkscreen		MDF panels screened off site
VY-1	Cut vinyl	Matte finish	Gallery and section intros, quotes, mindsets and activity prompts
DL-1	Dimensional letters	Painted metal letters	Gallery and section intro titles, quotes
RT-1	CNC Rout wood		
SB-1	Sandblast stone		
AS-1	Acid-Etch and fill		
WJ-1	Water jet cut metal		

[CN] CANYON

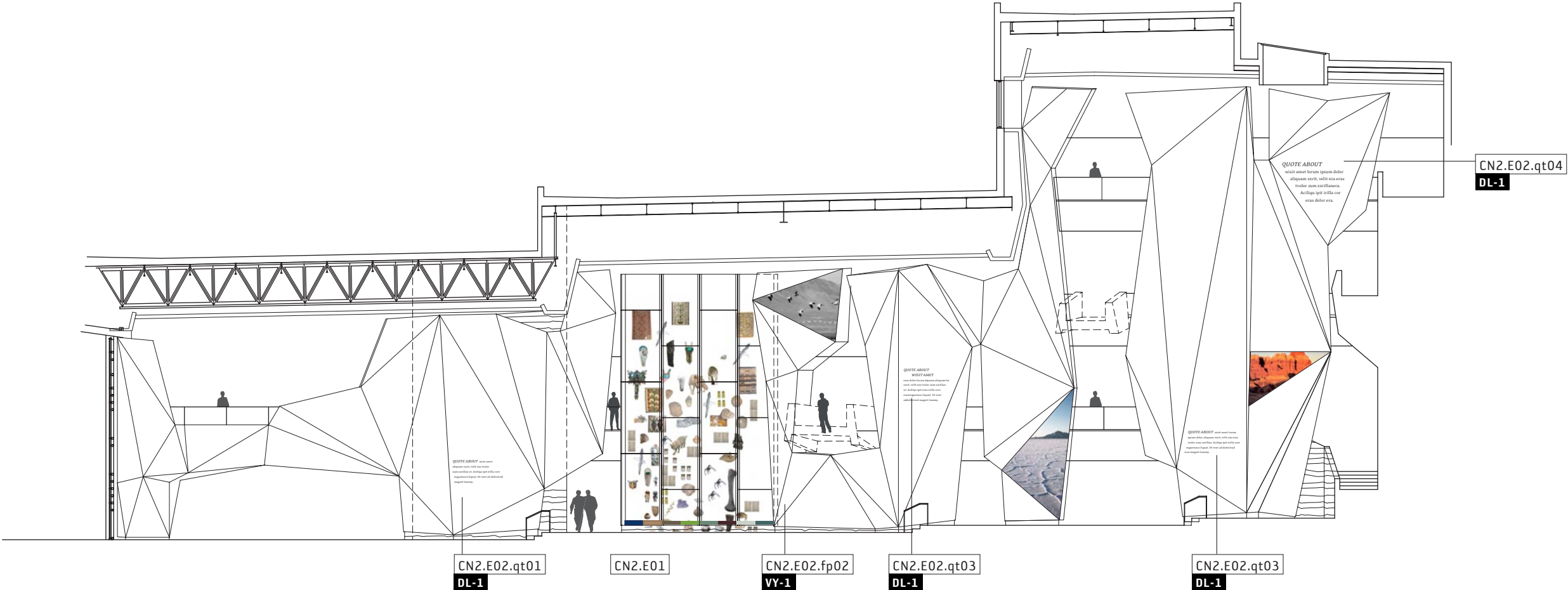
	LEVEL 2
9	SOUTH ELEVATION
10	NORTH ELEVATION
11	COLLECTIONS WALL
13	TRAILHEAD
14	SOUTH ELEVATION: MINERALS
15	NORTH ELEVATION: COLLECTIONS

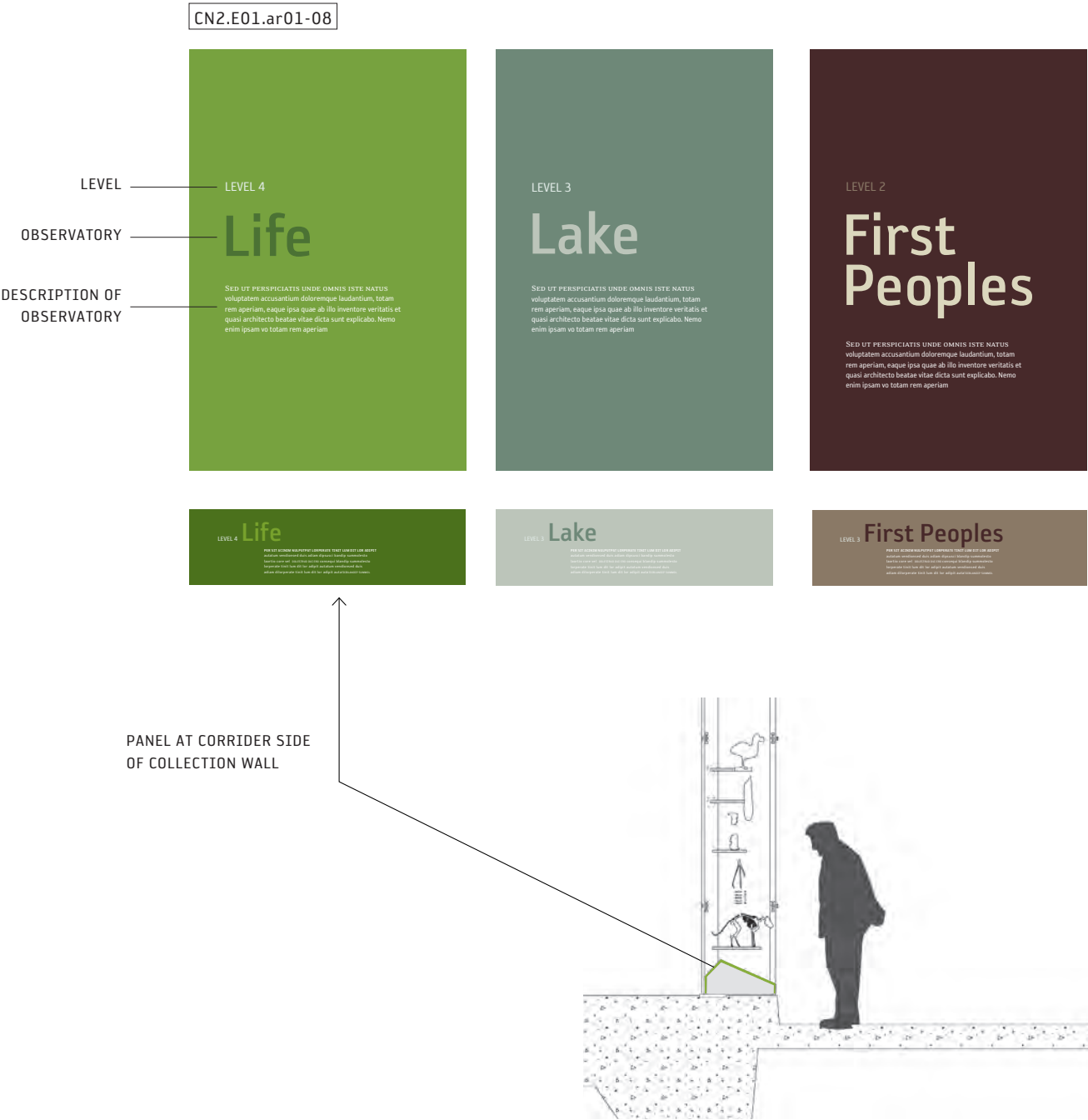
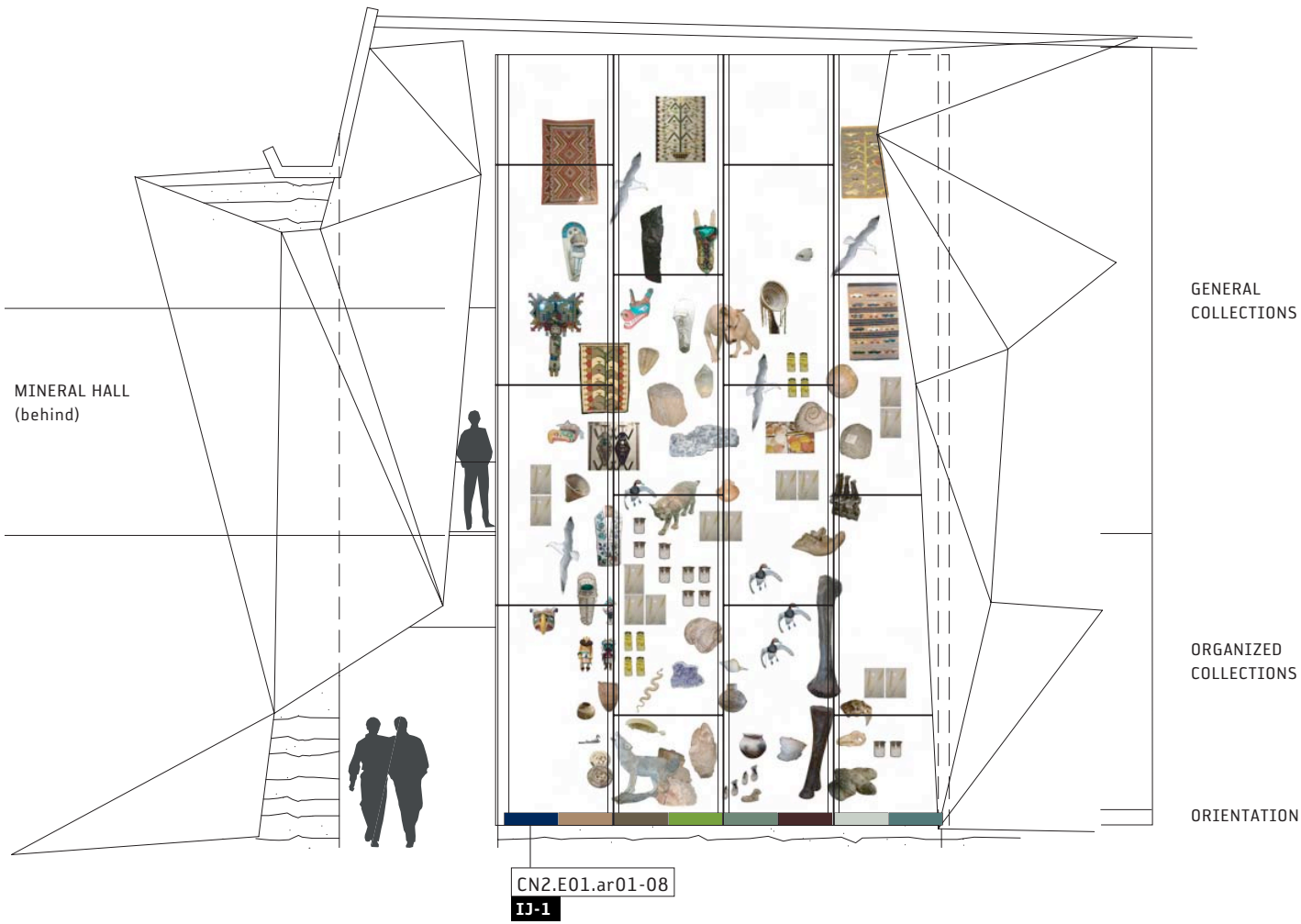


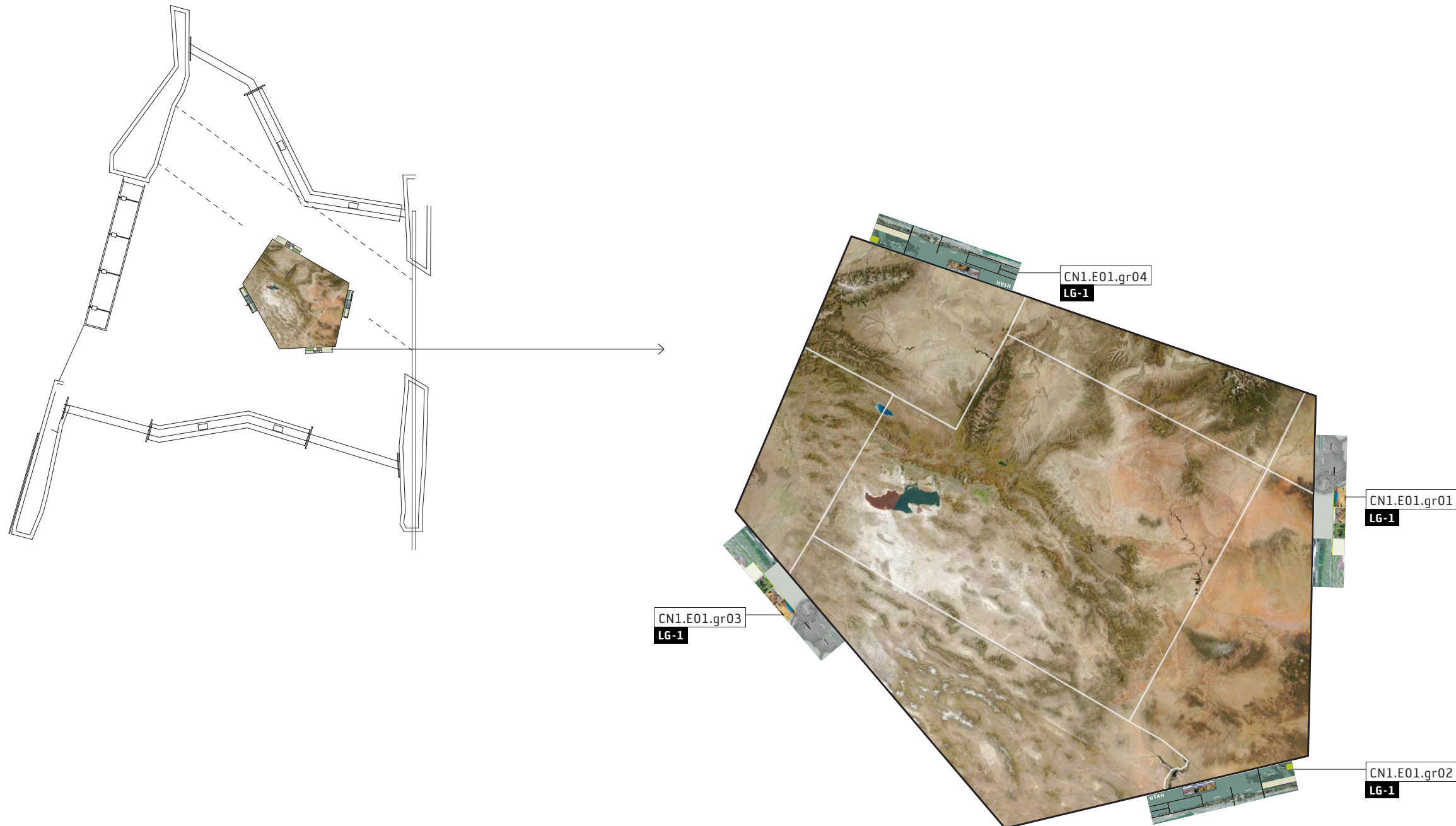
[CN]

NORTH ELEVATION

CANYON / LEVEL 2

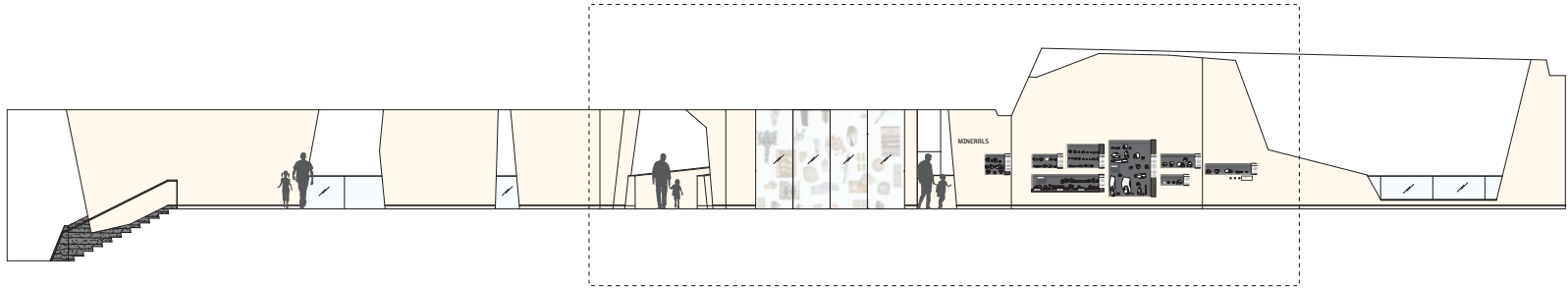




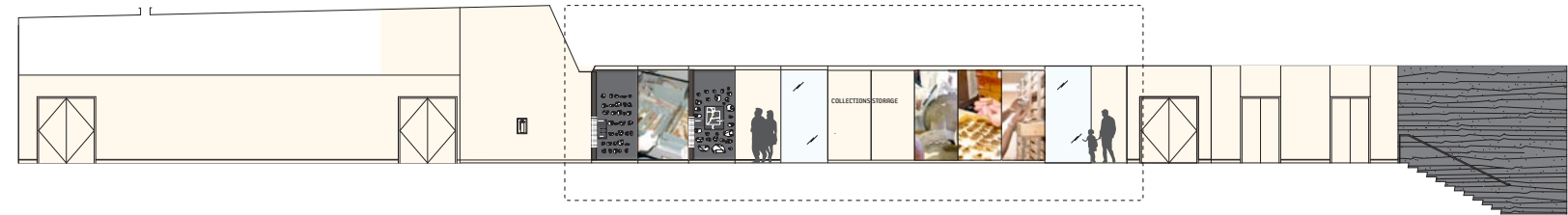


[MH] SOUTH ELEVATION: MINERALS

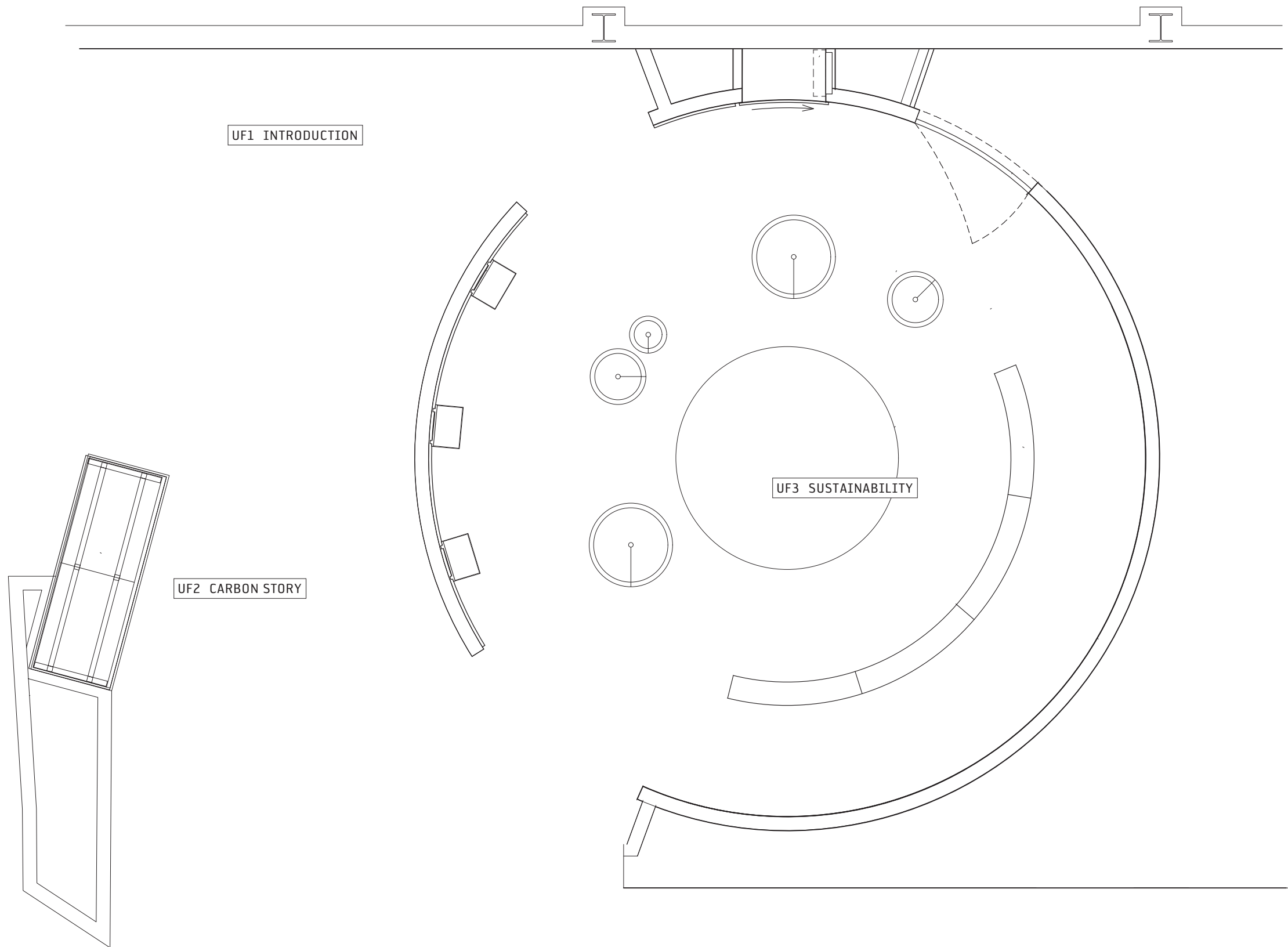
MINERAL HALL / LEVEL 3





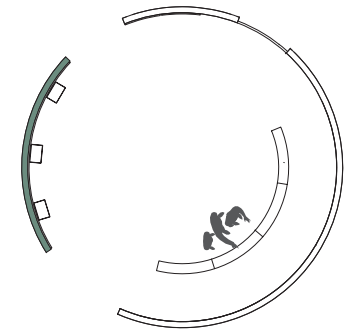






## [UF] UTAH FUTURES

	LEVEL 2
19	INNER ELEVATION
20	NORTH AND SOUTH ELEVATIONS
21	EAST ELEVATION: SUSTAINABILITY
22-23	SUSTAINABILITY GAME



UF4.E01.qt01  
VY-1

## UTAH FUTURES

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doloborectue feugait aciliquat

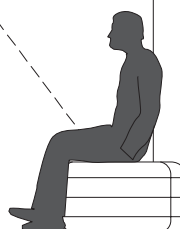
Northern Utah's rivers flow not to the ocean but into the Great Salt Lake, where their waters evaporate and leave behind the minerals they carried. The lake holds the memory of every drop of water that ever existed in Utah soil. The million originating birds—about twice as many birds as people in Utah—depend on the lake's wetlands and the rich diversity of insecthabitation. Just these birds on our nearby shorelands as they share.



WHAT DOES  
SUSTAINABILITY  
MEAN TO YOU?



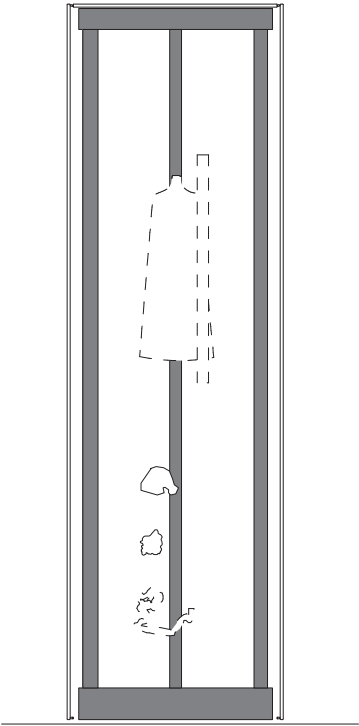
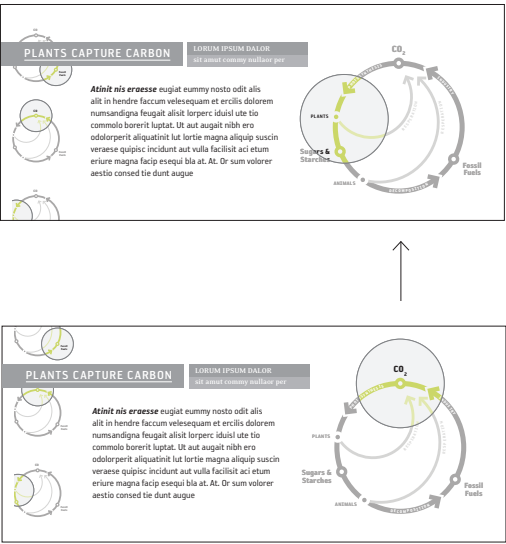
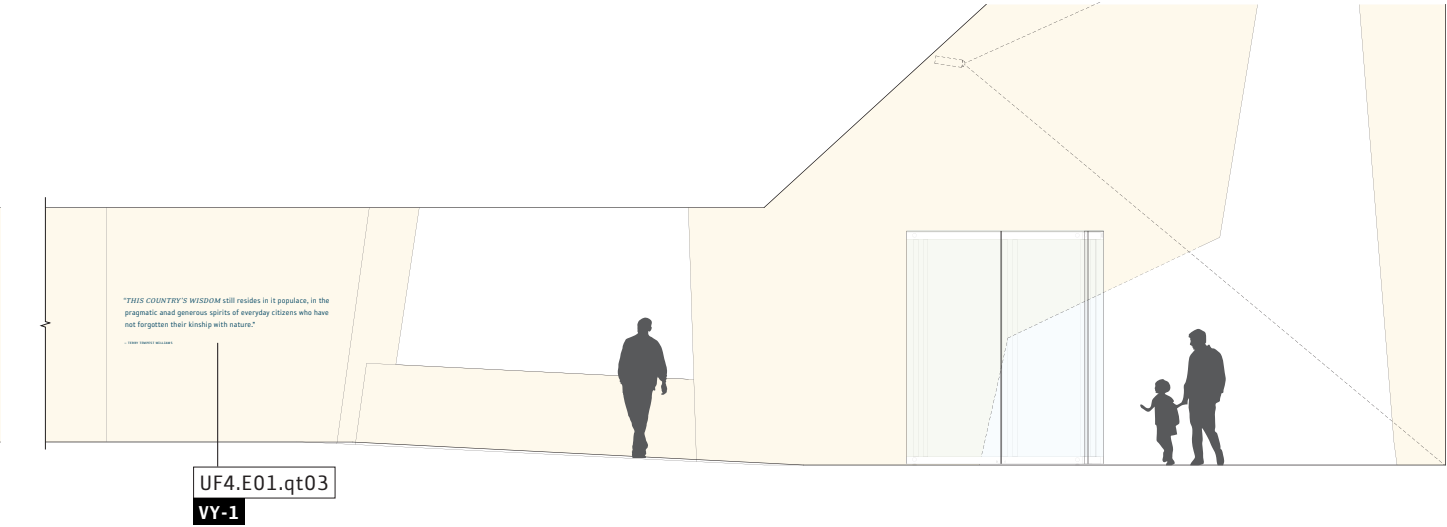
11

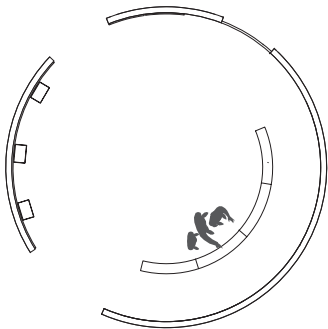
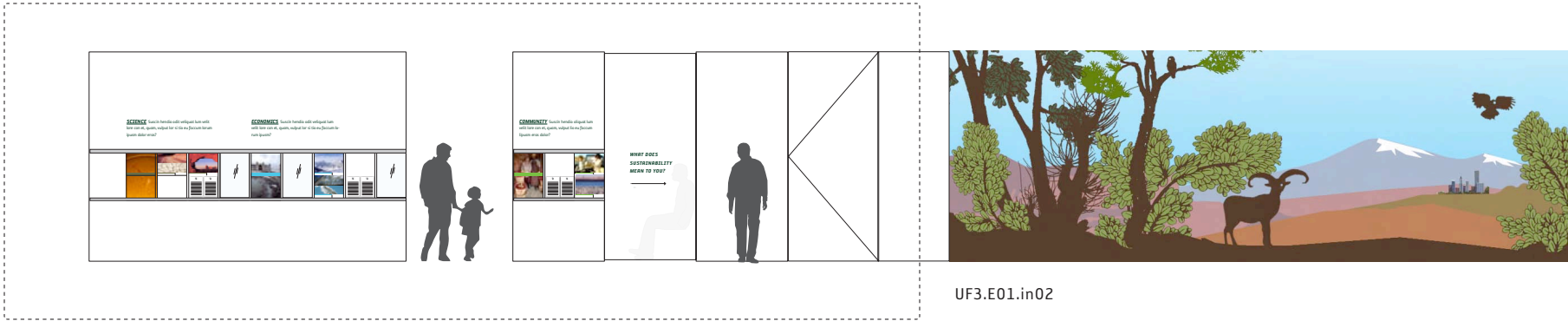


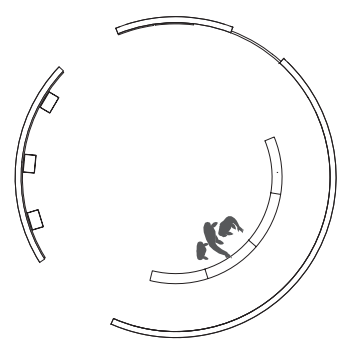
UF1.E01.ip01  
SS-1  
DL-1

[UF] NORTH AND SOUTH ELEVATIONS

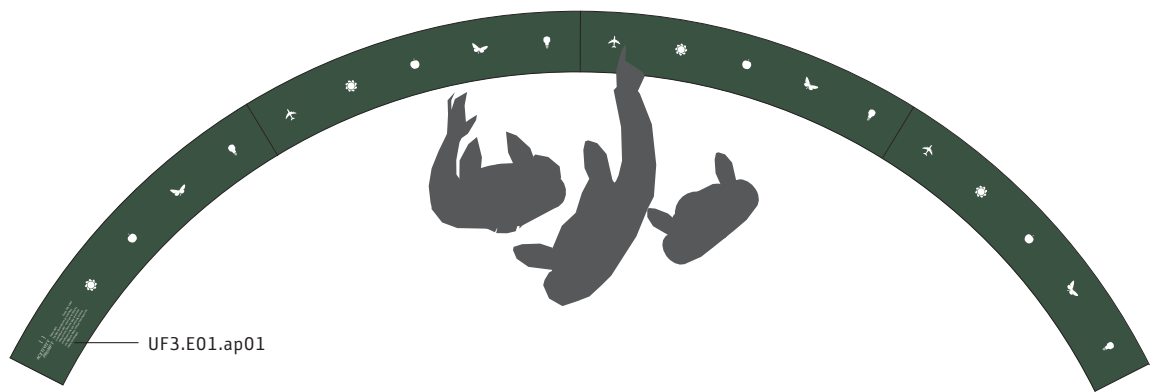
UTAH FUTURES / LEVEL 2







icons projected from above  
activate interactive screen  
(20 total)



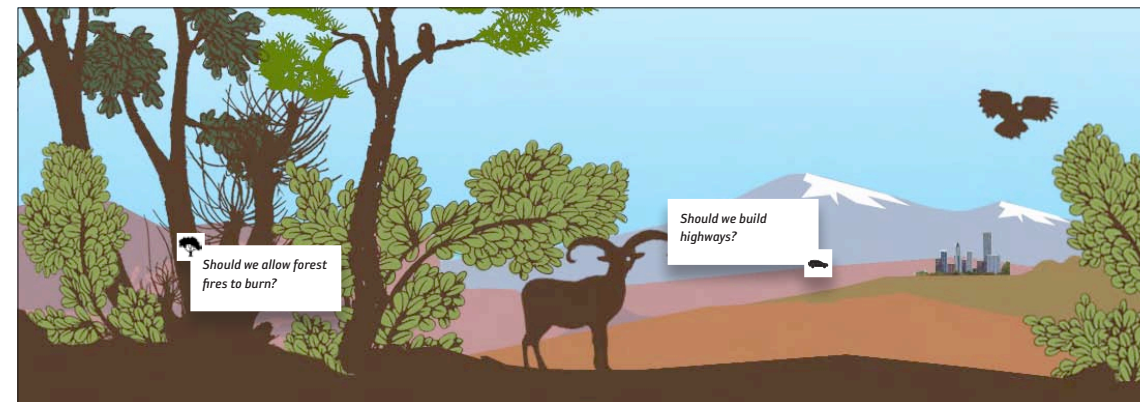
UF3.E01.gr01

**LG-1**

VISITOR A:



Should we allow forest fires to burn?

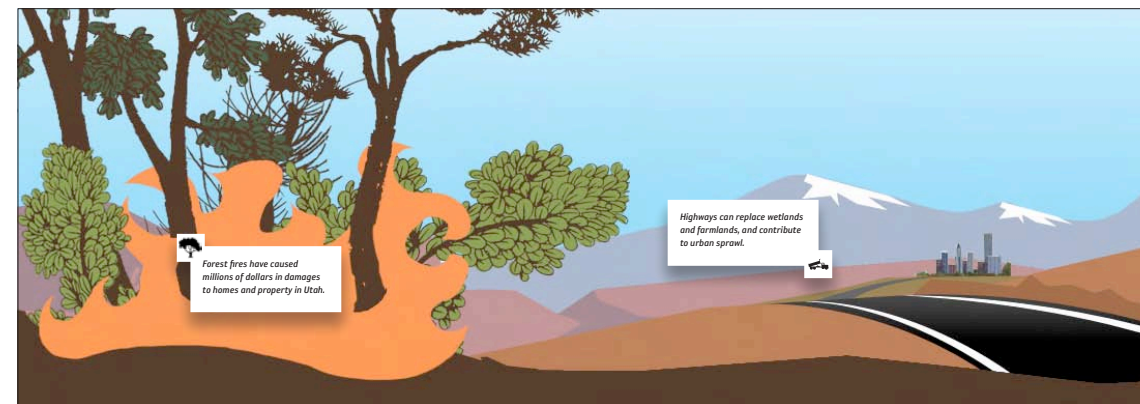


Should we build highways?

VISITOR B:

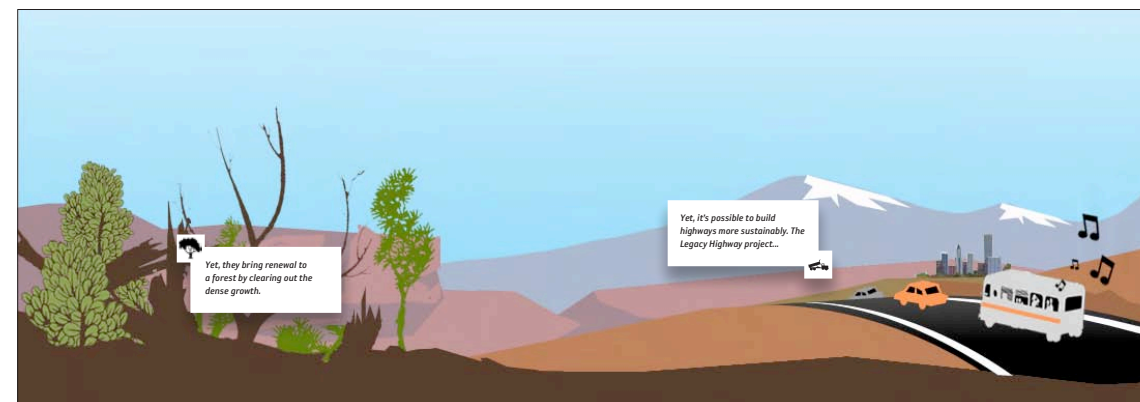


Forest fires have caused millions of dollars in damages to homes and property in Utah.



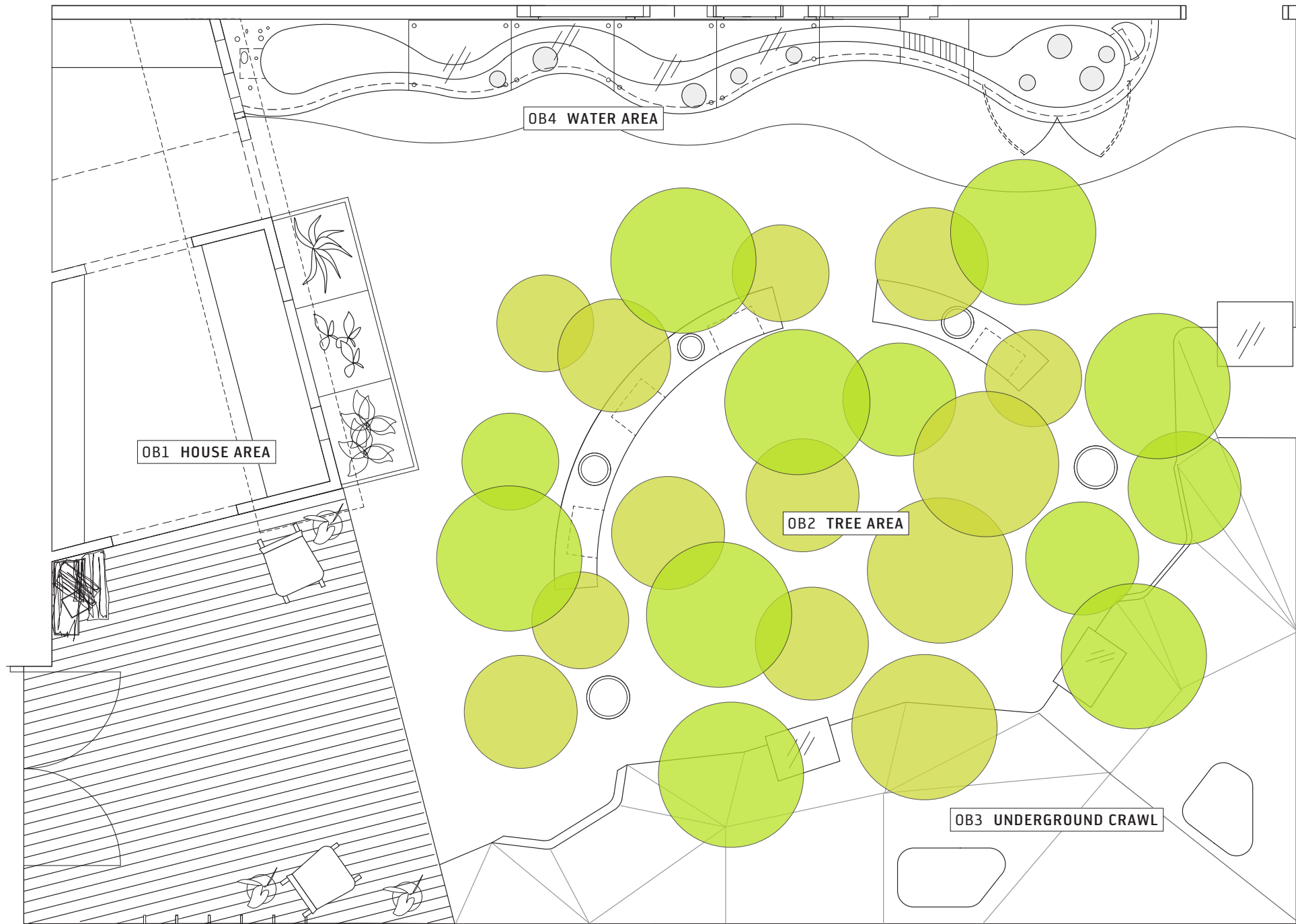
Highways can replace wetlands and farmlands, and contribute to urban sprawl and development.

Yet, they bring renewal to a forest by clearing out the dense growth.



Yet, it's possible to build highways more sustainably. The Legacy Highway project includes environmental measures such as a narrow footprint, reduced speed limit, restrictions on truck traffic and billboards, and a land purchase to help protect the wetlands.

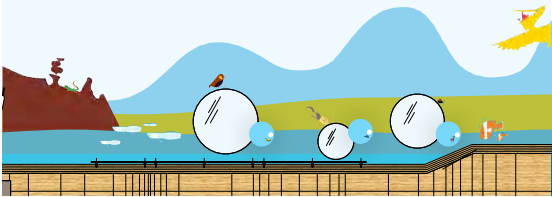
UF3.E01.in02



**[OB] OUR BACKYARD**

	LEVEL 2
27	WEST AND SOUTH ELEVATIONS
28	UNDERGROUND CRAWL
29	EAST ELEVATION
30	TREE AREA
31	HOUSE INTERIOR

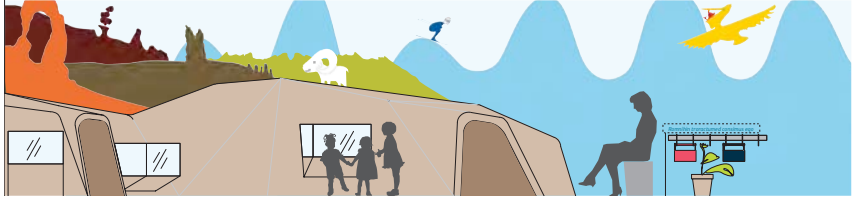




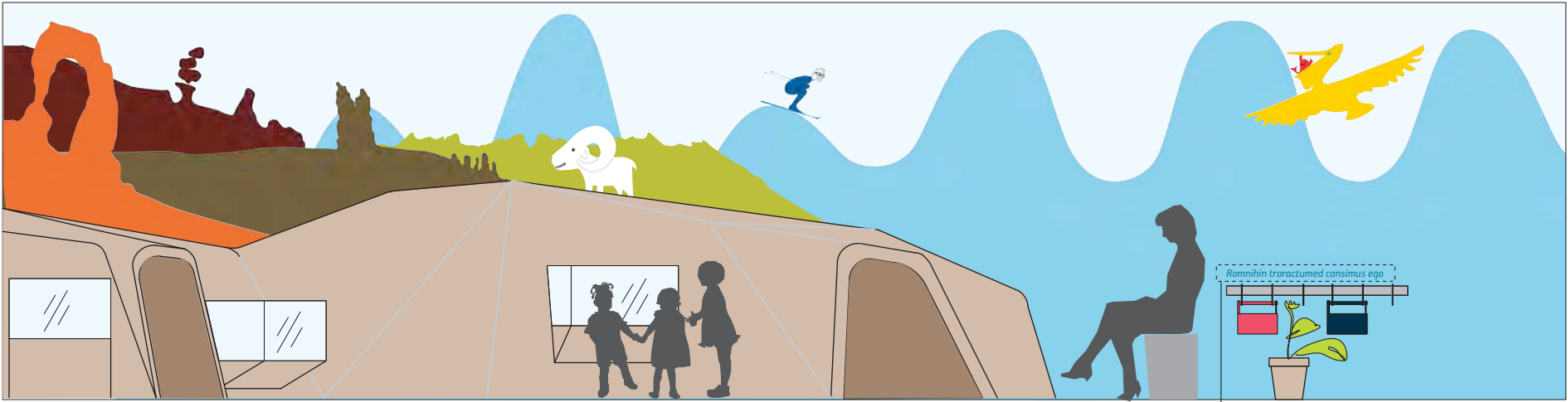
OB4.E01.pm01



OB2.E01.pm02



OB2.E01.pm01

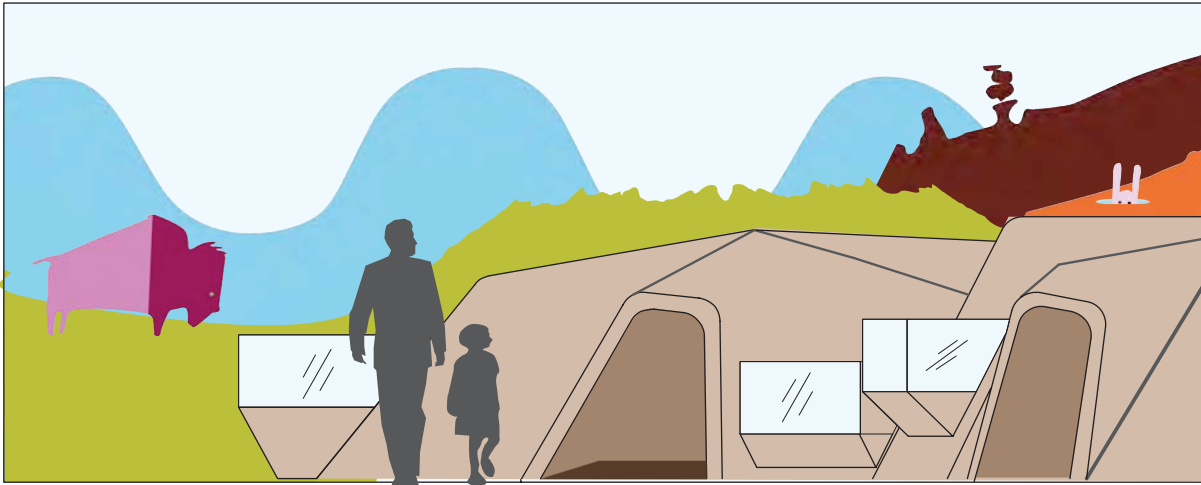


OB2.E01.pm02

DP-1

OB1.E01.ap01

SS-1

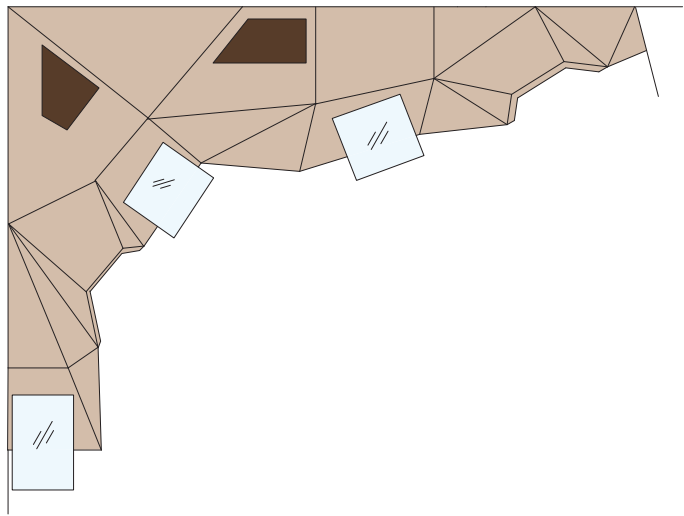


OB2.E01.pm01

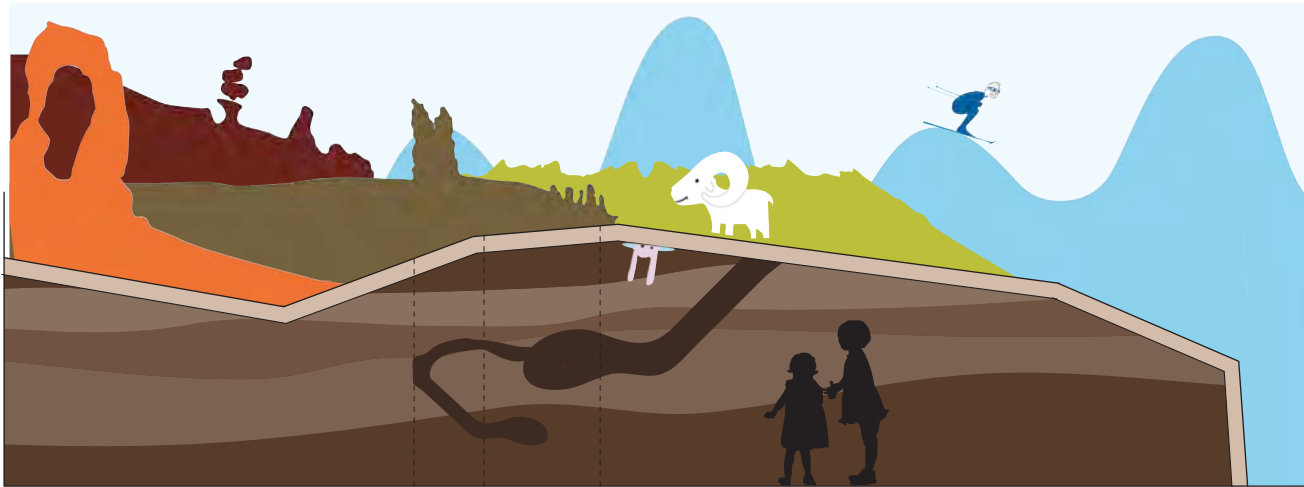
DP-1

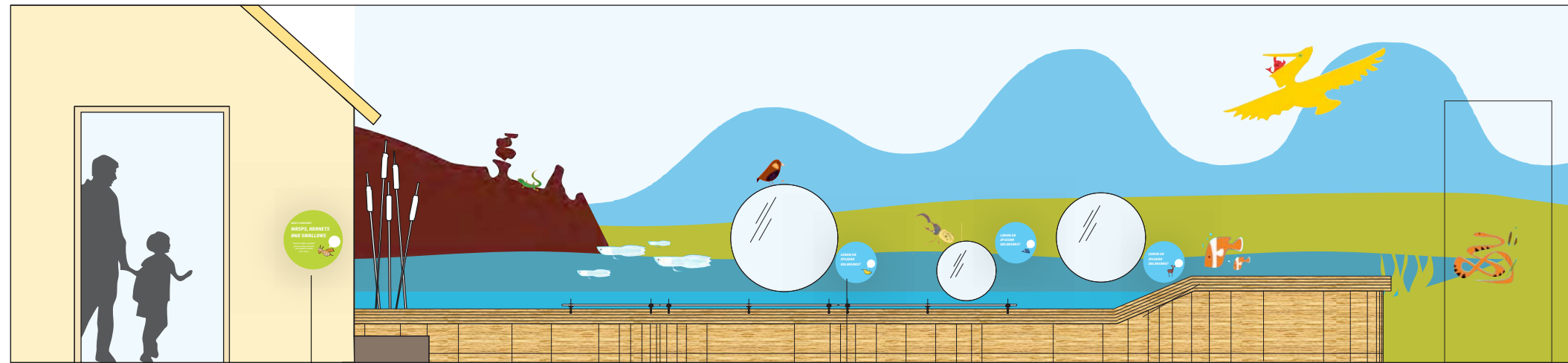


[UF] UNDERGROUND CRAWL  
OUR BACKYARD / LEVEL 2



OB2.E01.pm02  
DP-1

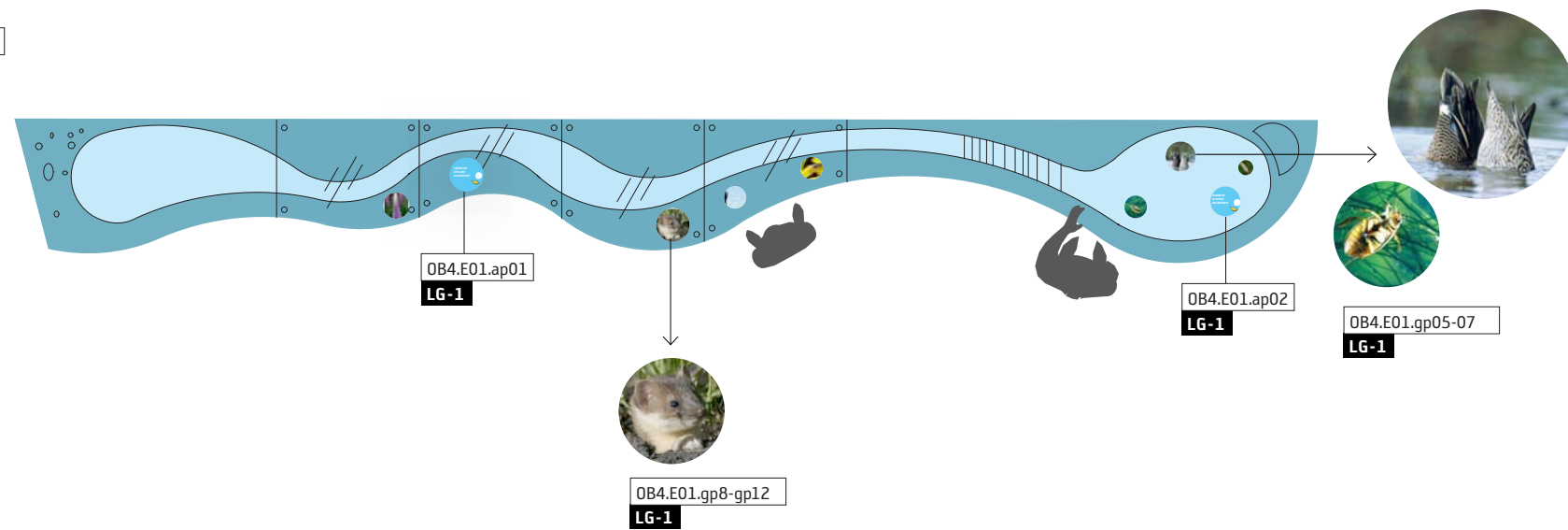




OB1.E01.gp01  
LG-1

OB4.E01.gp02-gp04  
LG-1

OB4.E01.pm01  
DP-1

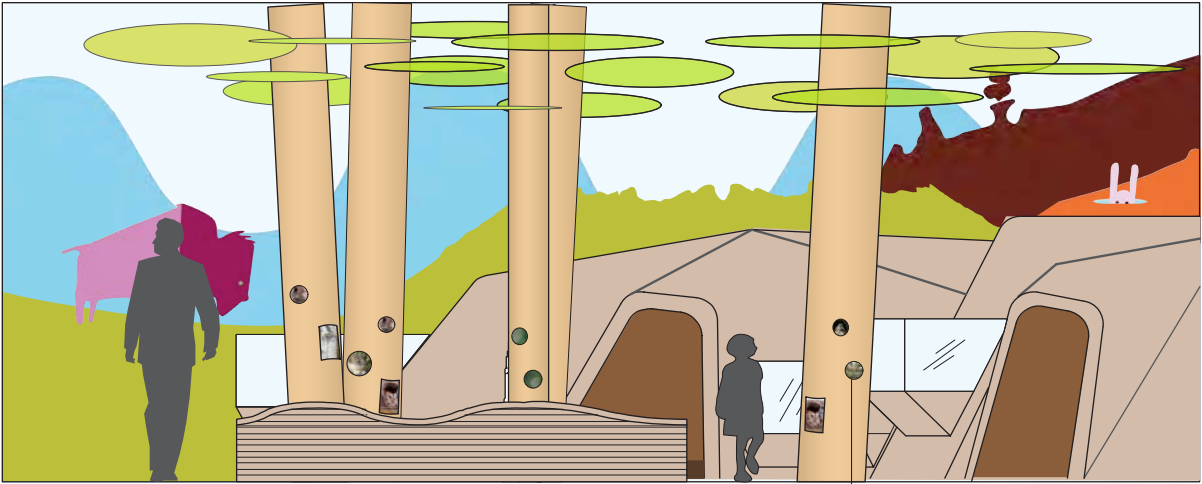


OB4.E01.ap01  
LG-1

OB4.E01.ap02  
LG-1

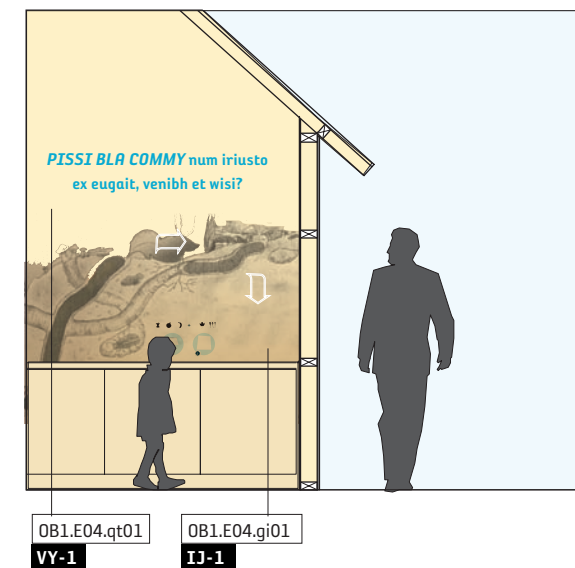
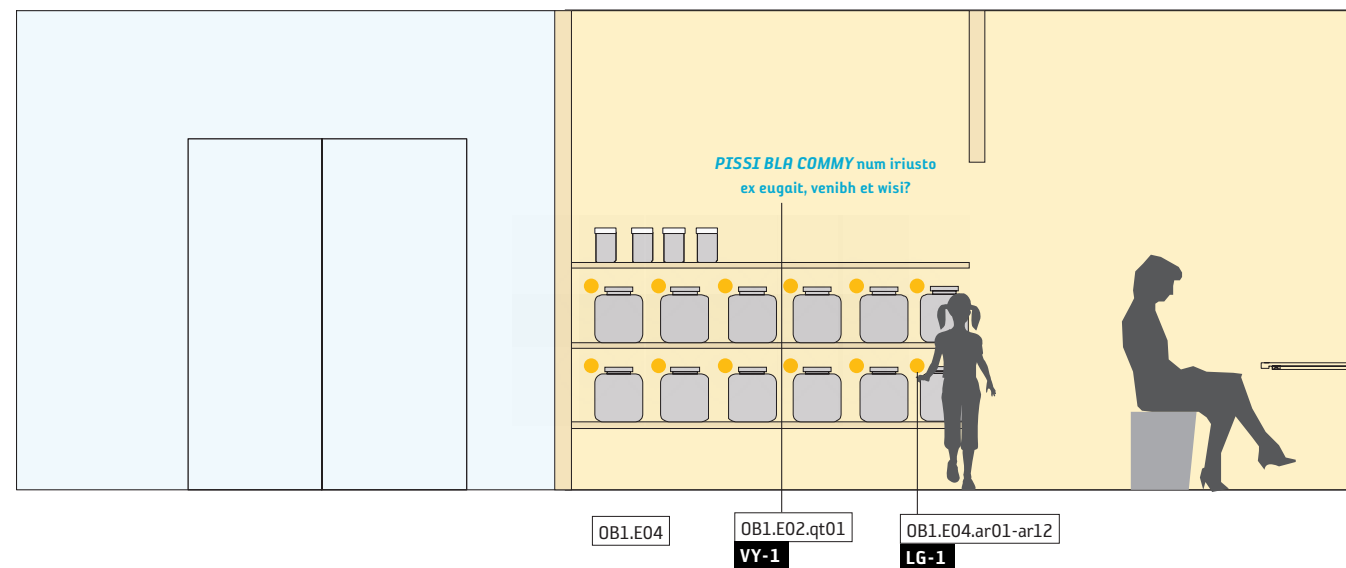
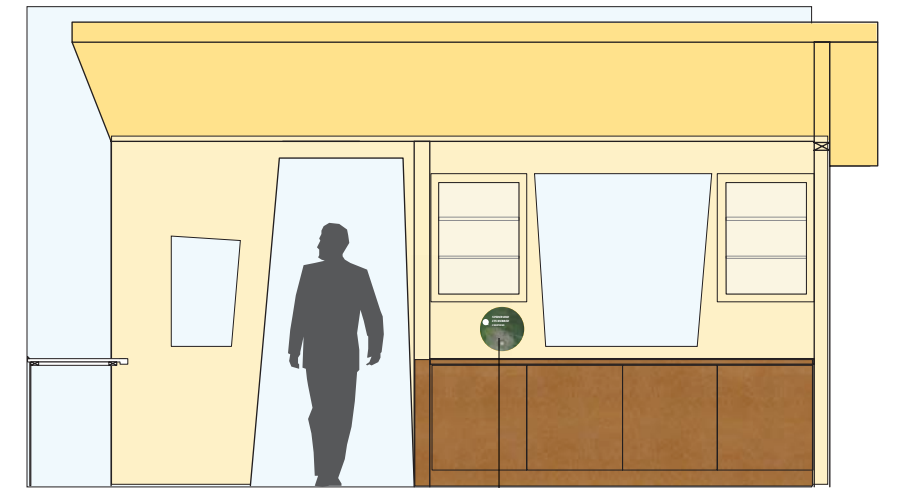
OB4.E01.gp05-07  
LG-1

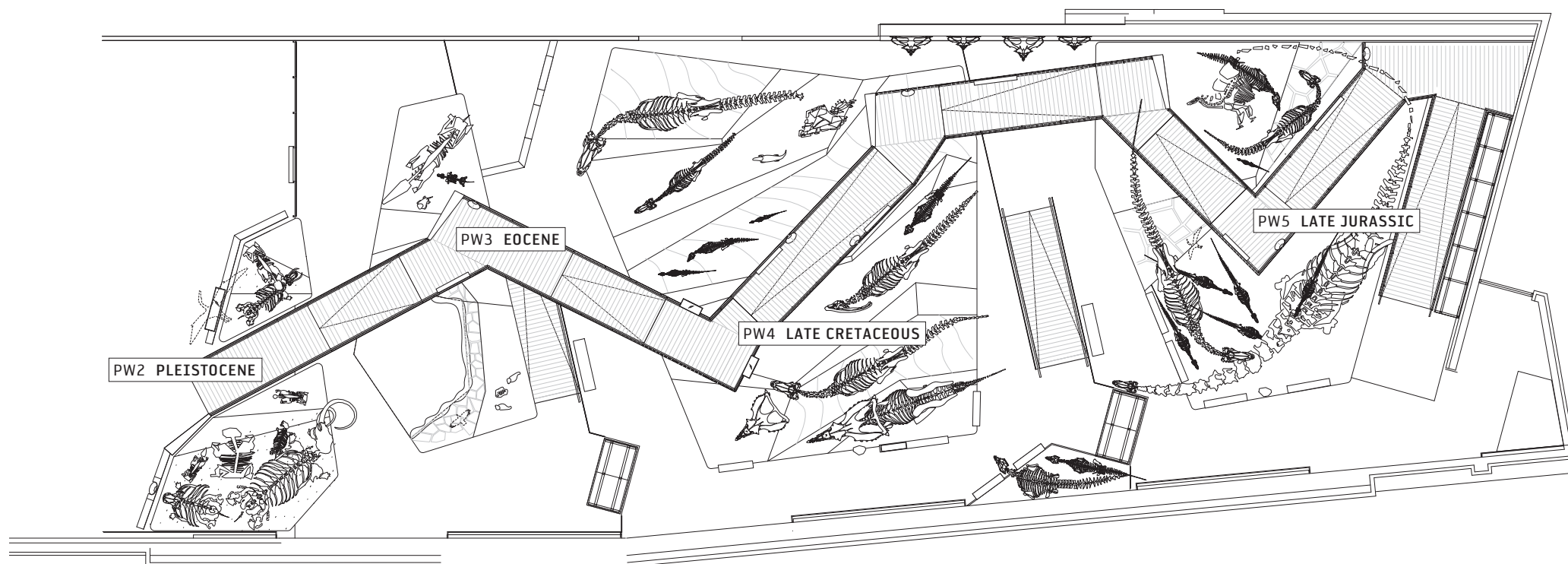
OB4.E01.gp8-gp12  
LG-1



OB2

OB2.E01.sx01





## [PW] PAST WORLDS

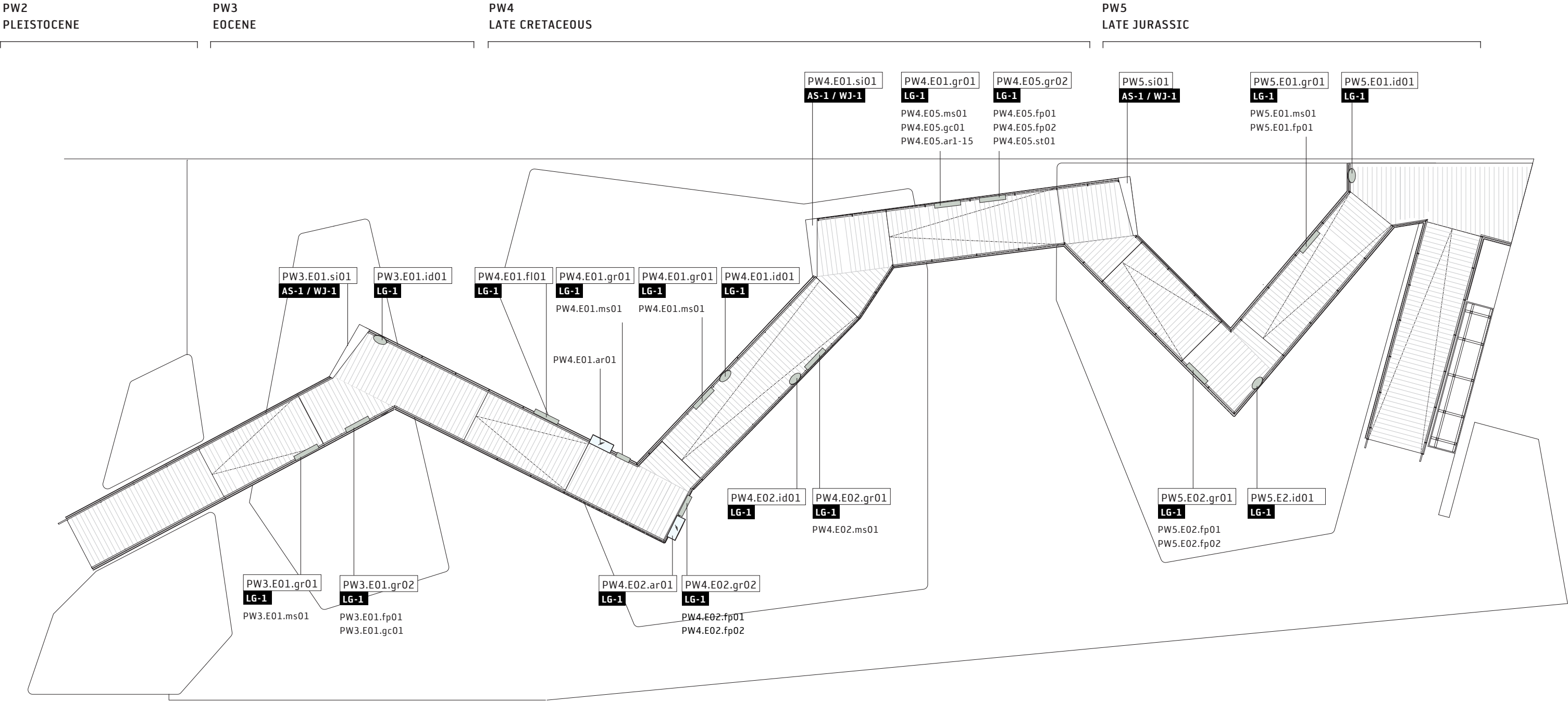
	LEVEL 2
35	INTRO IN LAKE
36	UPPER WALKWAY RAILS
37	TYPICALS: SECTION INTRO PANEL AND ID WHEEL
38	TYPICALS: PRIMARY AND SECONDARY RAIL
39	TYPICAL: IMBEDDED RAIL CASE
41	PLEISTOCENE RAILS
42	PLEISTOCENE MAMMALS CASE
43	NORTH ELEVATION
45	EOCENE TABLEAU
46	LATE CRETACEOUS PLATFORM
47	LATE CRETACEOUS TABLEAU
48	KAIPAROWITS DIVERSITY
49	SOUTH AND EAST ELEVATION
51	EAST ELEVATION DETAIL
52	CEDAR MOUNTAIN FORMATION
53	DINOSAUR DIG INTERACTIVE
54	NORTH HORN CASE
55	LATE JURASSIC RAILS
57	CLEVELAND-LLOYD QUARRY
58	CLEVELAND-LLOYD QUARRY EAST ELEVATION
59	CLEVELAND-LLOYD QUARRY CASE
60	INTRO AT LEARNING LAB
61	WINDOW TO LEARNING LABS
63	EARTH LAB





[PW] UPPER WALKWAY RAILS

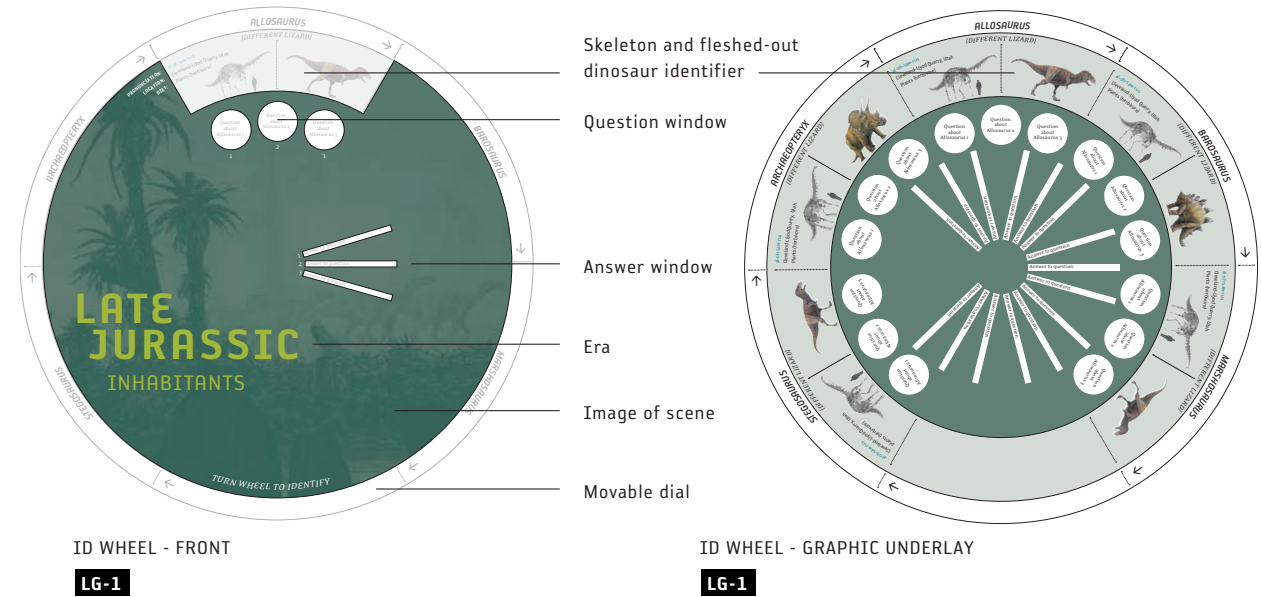
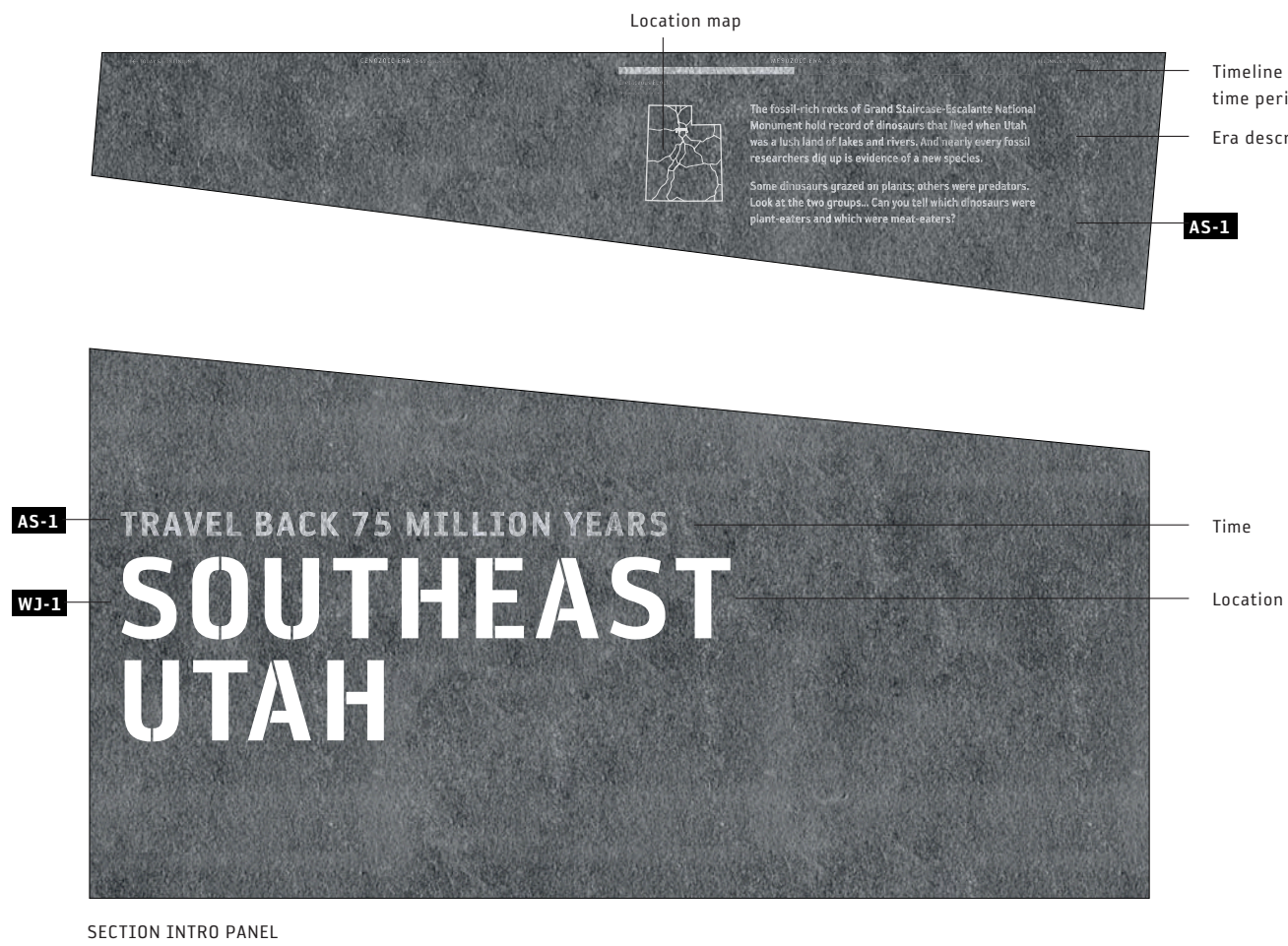
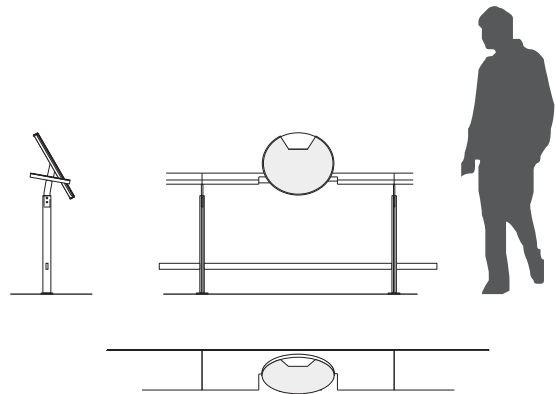
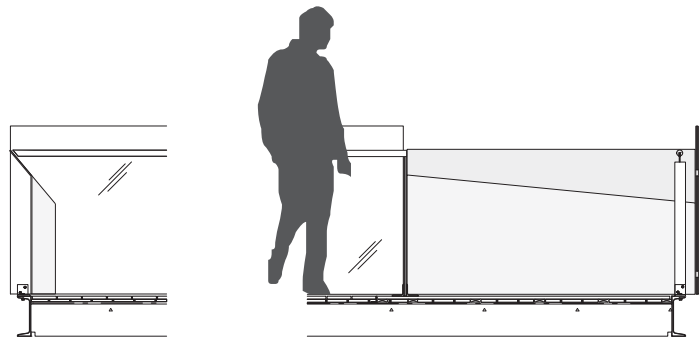
PAST WORLDS / LEVEL 2





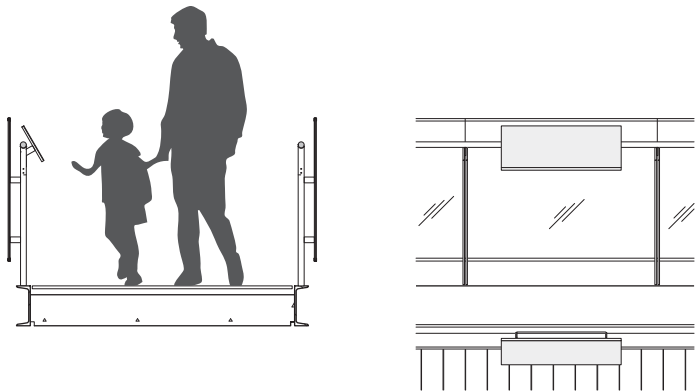
TYPICALS: SECTION INTRO PANEL AND ID WHEEL [PW]

PAST WORLDS / LEVEL 2





[PW] TYPICALS: PRIMARY AND SECONDARY RAIL
PAST WORLDS / LEVEL 2



Timeline Title Subtitle Mindset text Duotone image of scene Quote or fact

LATE CRETACEOUS HERBIVORES

PLANT-EATING DINOSAURS FOUND THEIR NICHES

IN ANCIENT FORESTS, long-necked dinosaurs reached into high branches to browse on leaves. Horned dinosaurs used sharp beaks and shearing teeth to chop up tough, fibrous plants. And their duck-billed kin had powerful jaws and rows of tightly-packed teeth for chewing and grinding.

Like animals today, herbivores divvied up resources from levels of the forest. The lush vegetation of the Late Cretaceous meant there was plenty to go around.

90%

An average *Iguanodon* eats up to 90% of plant life each day.

MINDSET RAIL
LG-1

Diagrams/illustrations Title Focus text Subtitle Background Image

ER ATINCIDUIS NISCIDU ISC ILITUIS

DINOSAURS' TEETH SAY A LOT ABOUT HOW THEY ATE

These dinosaurs developed special teeth for chewing tough plants. How can we tell? Look closely at their jaws and teeth. Hadrosaur had hundreds of small, tightly-packed, replaceable teeth perfect for crushing and grinding. Ceratopsian teeth were larger and instead of one root, they had two. Rows of teeth in their powerful upper and lower jaws came together like shearing scissors.

FOCUS RAIL (NEXT TO RAIL CASE)
LG-1

Image Title Subtitle Focus text Map/diagram Captions Images

ER ATINCIDUIS NISCIDU ISC ILITUIS

Dinosaurs' teeth say a lot about how they ate

Smolore deleni eras

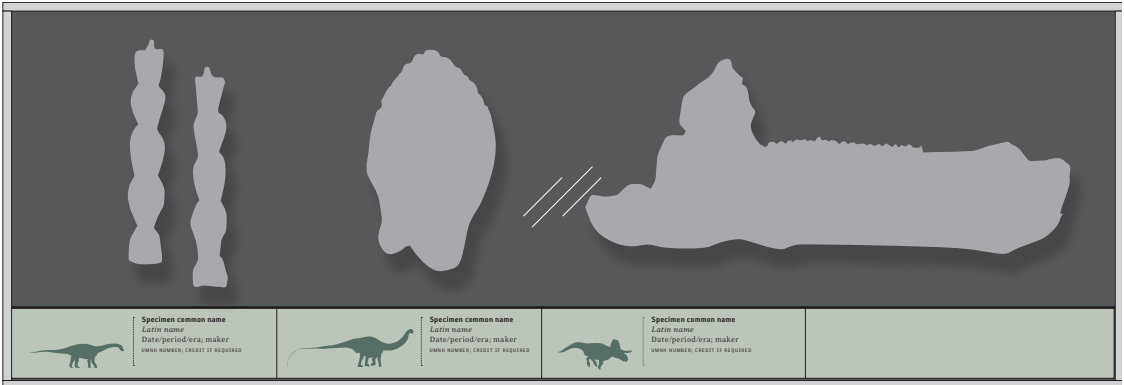
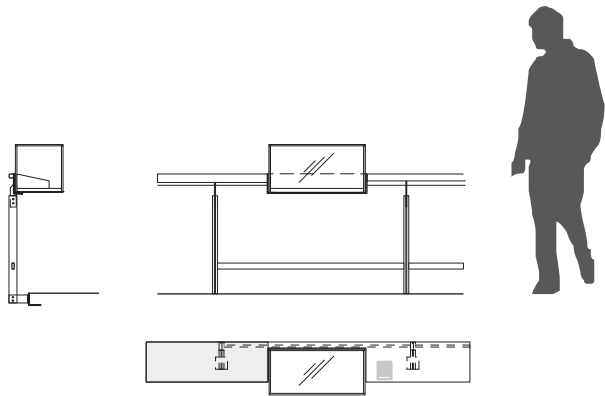
Adipsum ero co lorem

These dinosaurs developed special teeth for chewing tough plants. How can we tell? Look closely at their jaws and teeth. Hadrosaur had hundreds of small, tightly-packed, replaceable teeth perfect for crushing and grinding. Ceratopsian teeth were larger and instead of one root, they had two. Rows of teeth in their powerful upper and lower jaws came together like shearing scissors.

PHOTO TITLE: Paleontologist Dr. Barnum Brown examines large dinosaur bones found in a dry lake in Utah.

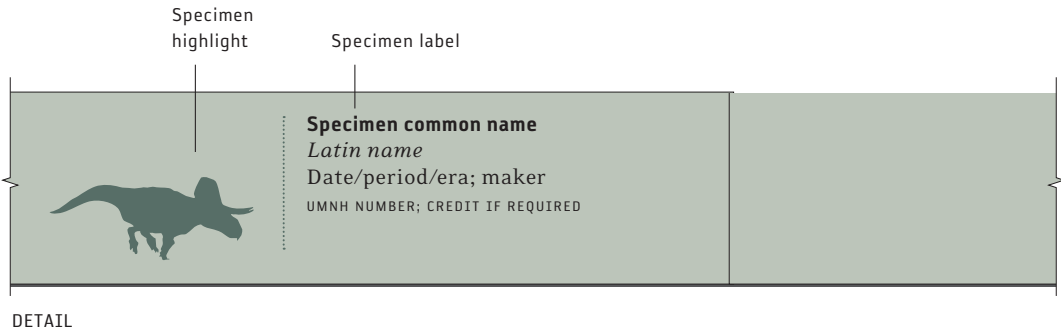
PHOTO TITLE: Paleontologist Dr. Barnum Brown examines large dinosaur bones found in a dry lake in Utah.

FOCUS RAIL
LG-1



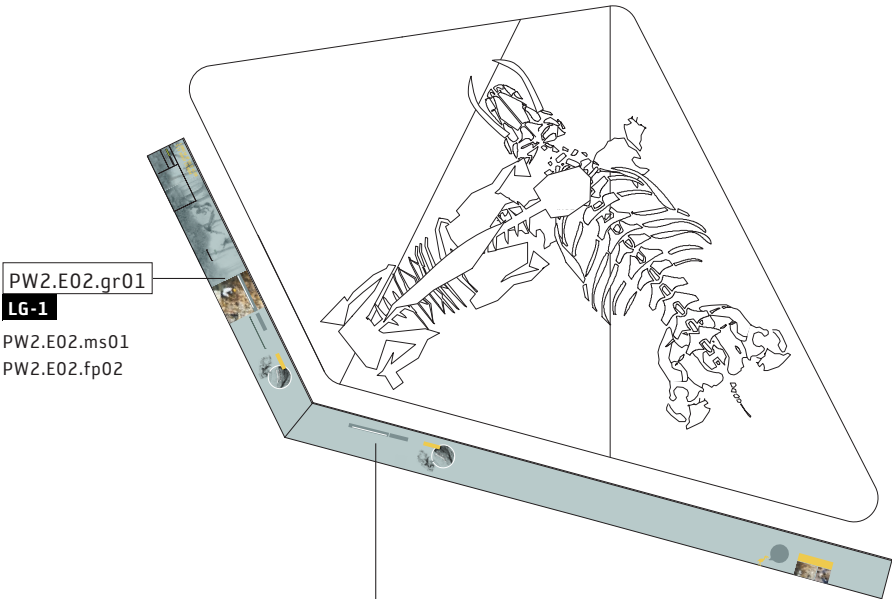
SAMPLE RAIL CASE OBJECT LABELS

LG-1



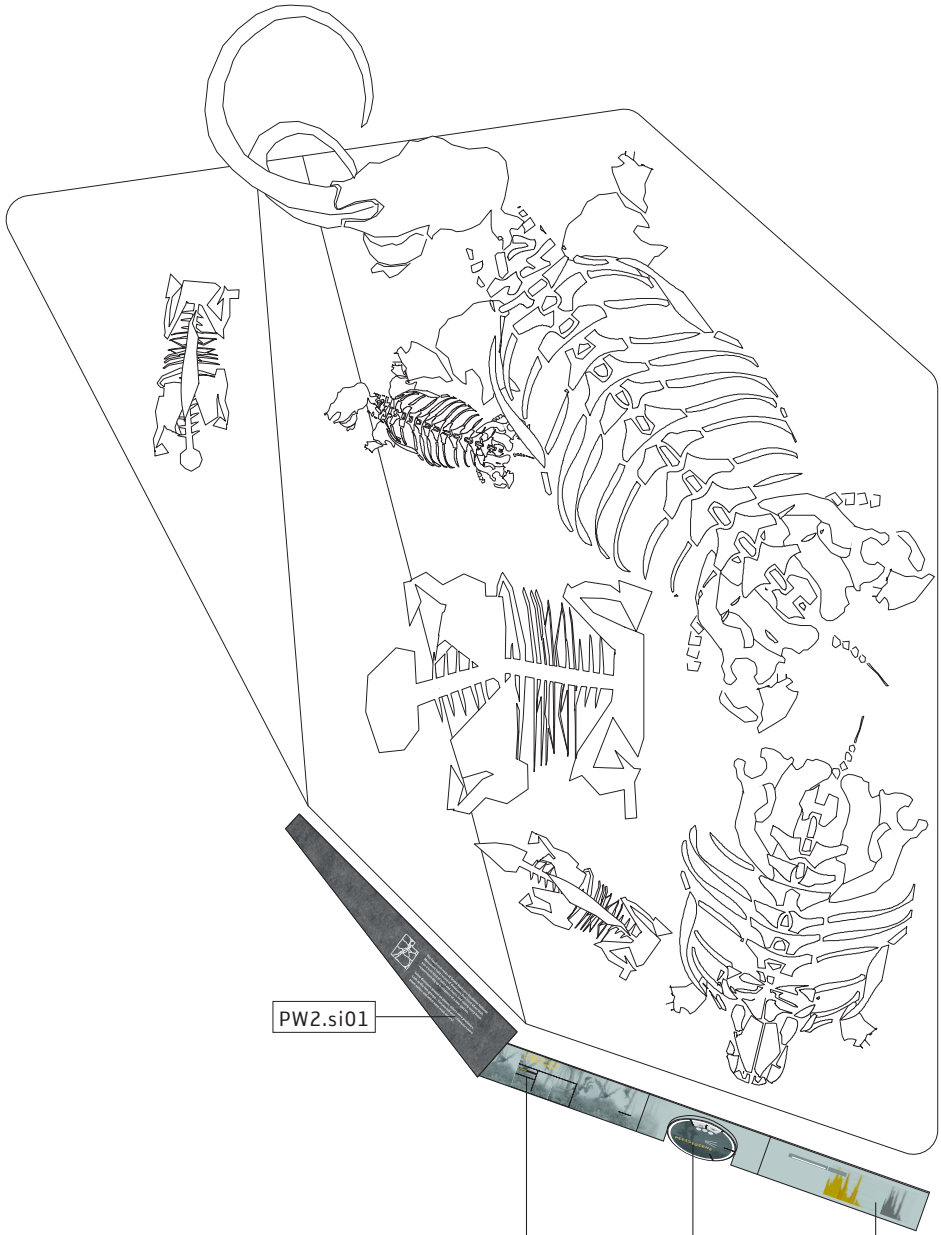


PW2.E05.gr01  
**LG-1**  
PW2.E05.ms01  
PW2.E05.ar01



PW2.E02.gr01  
**LG-1**  
PW2.E02.ms01  
PW2.E02.fp02

PW2.E02.gr02  
**LG-1**  
PW2.E02.fp01  
PW2.E02.fl01



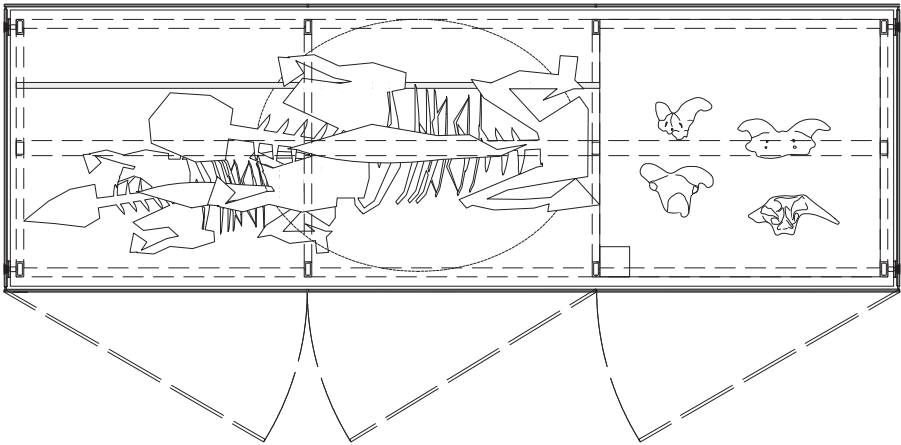
PW2.si01

PW2.E01.gr01  
**LG-1**  
PW2.E01.ms01

PW2.E01.id01  
**LG-1**

PW2.E01.gc01  
PW2.E01.gc02

**NOTE**  
Please see typical rail  
layouts on pages 37-39.



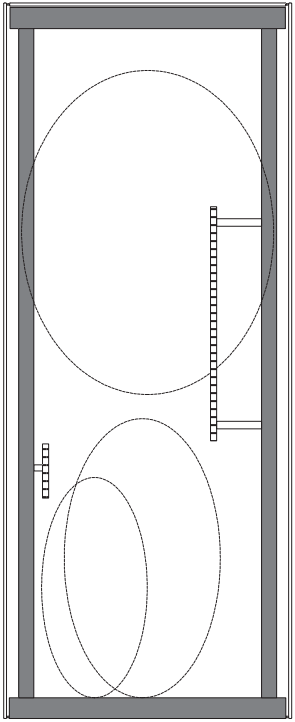
PW2.E03.ca01

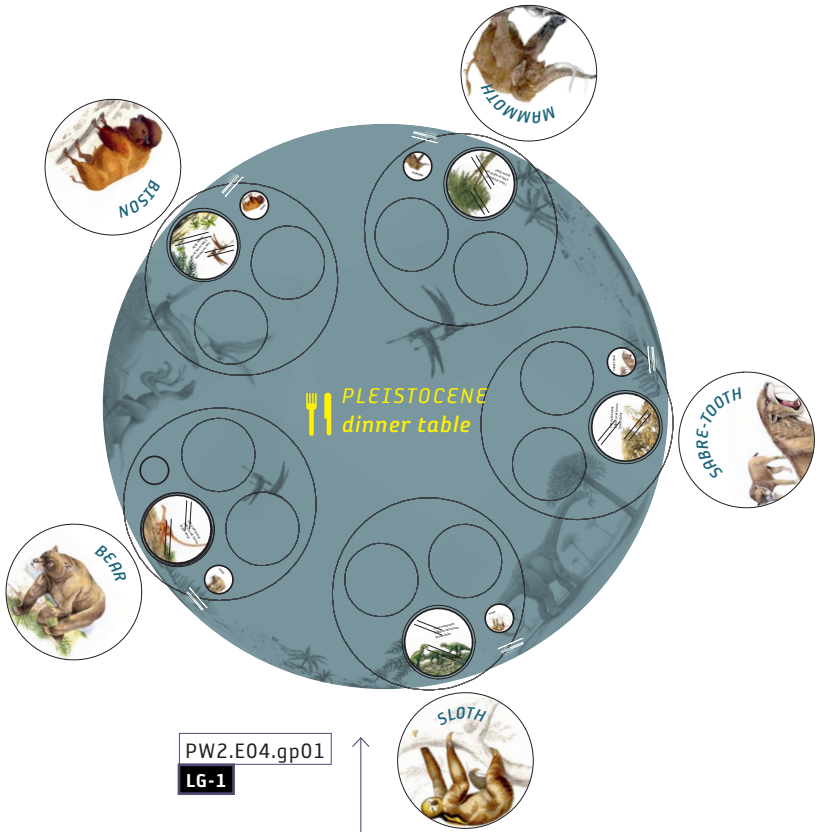


PW2.E03.ms01  
SS-1

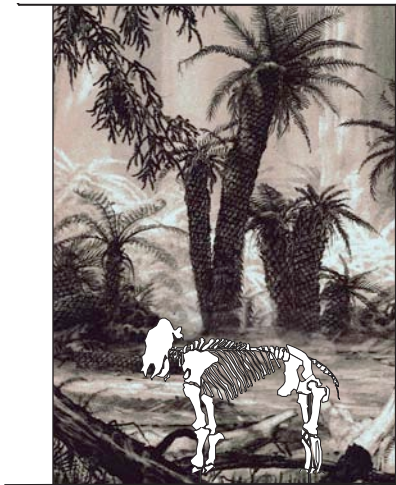
PW2.E03.gi01  
IJ-1

PW2.E03.fp01-02  
SS-1





PW2.E04.gp01  
LG-1



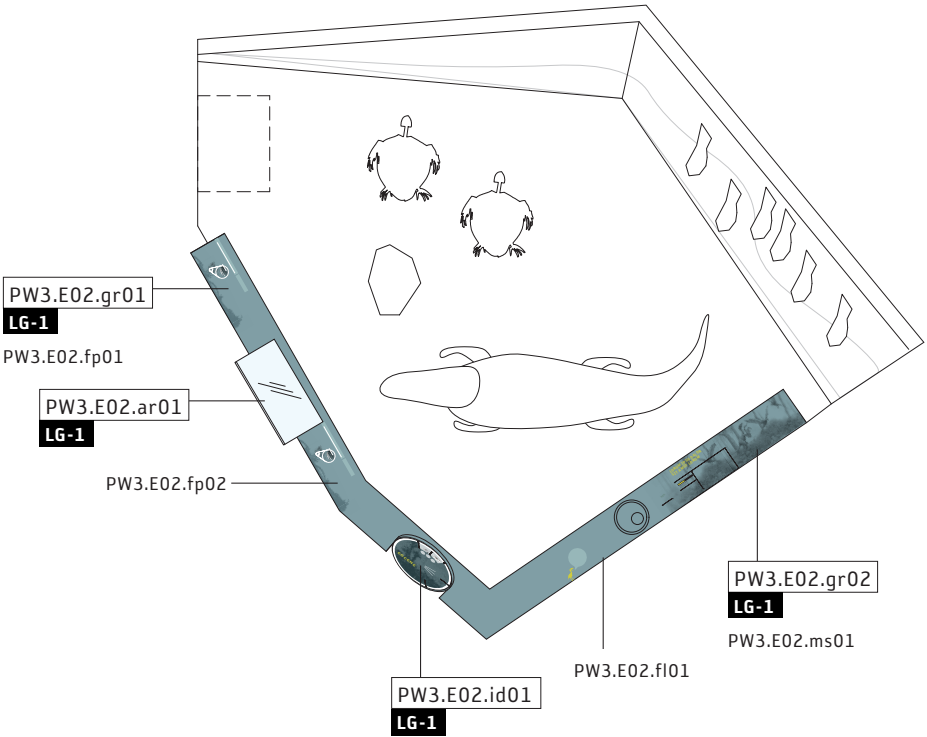
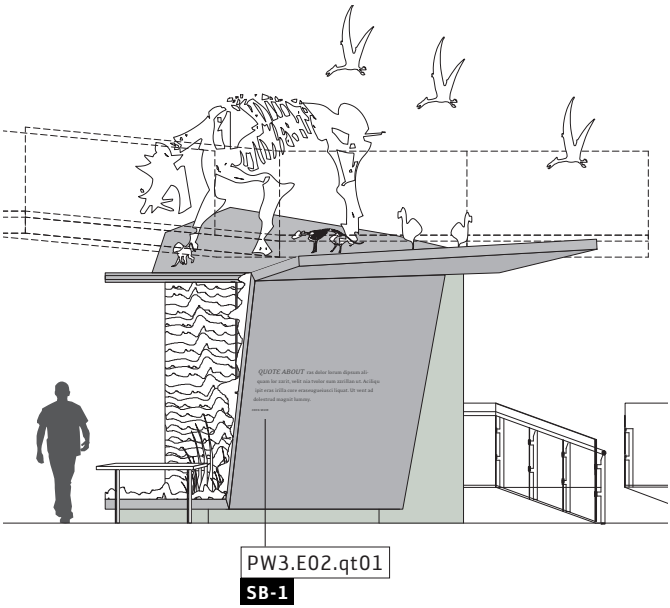
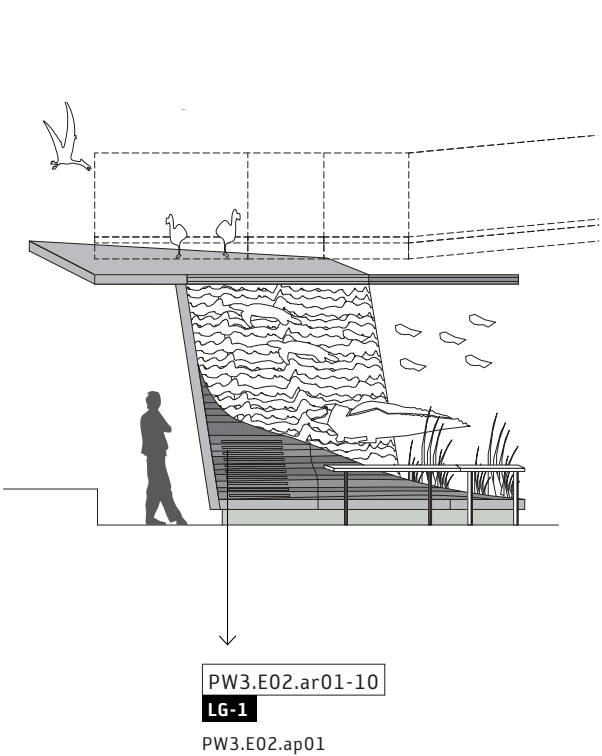
PW2.E04.ap01  
VY-1

PW2.E04.si01  
VY-1

PW2.E04.qt01  
VY-1

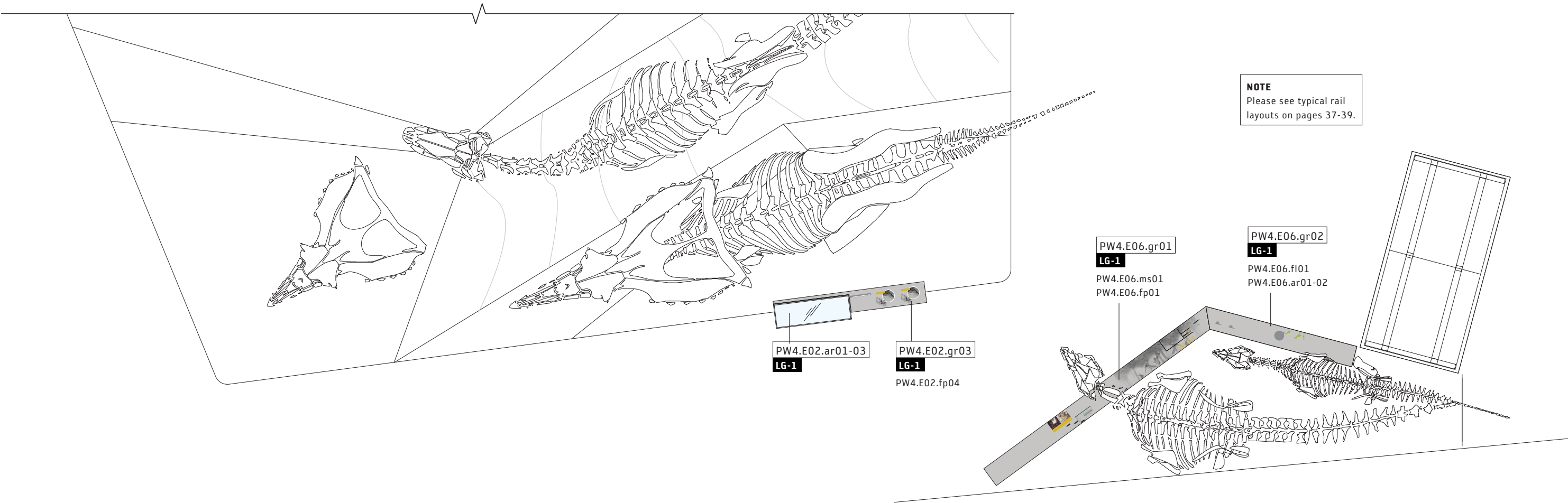
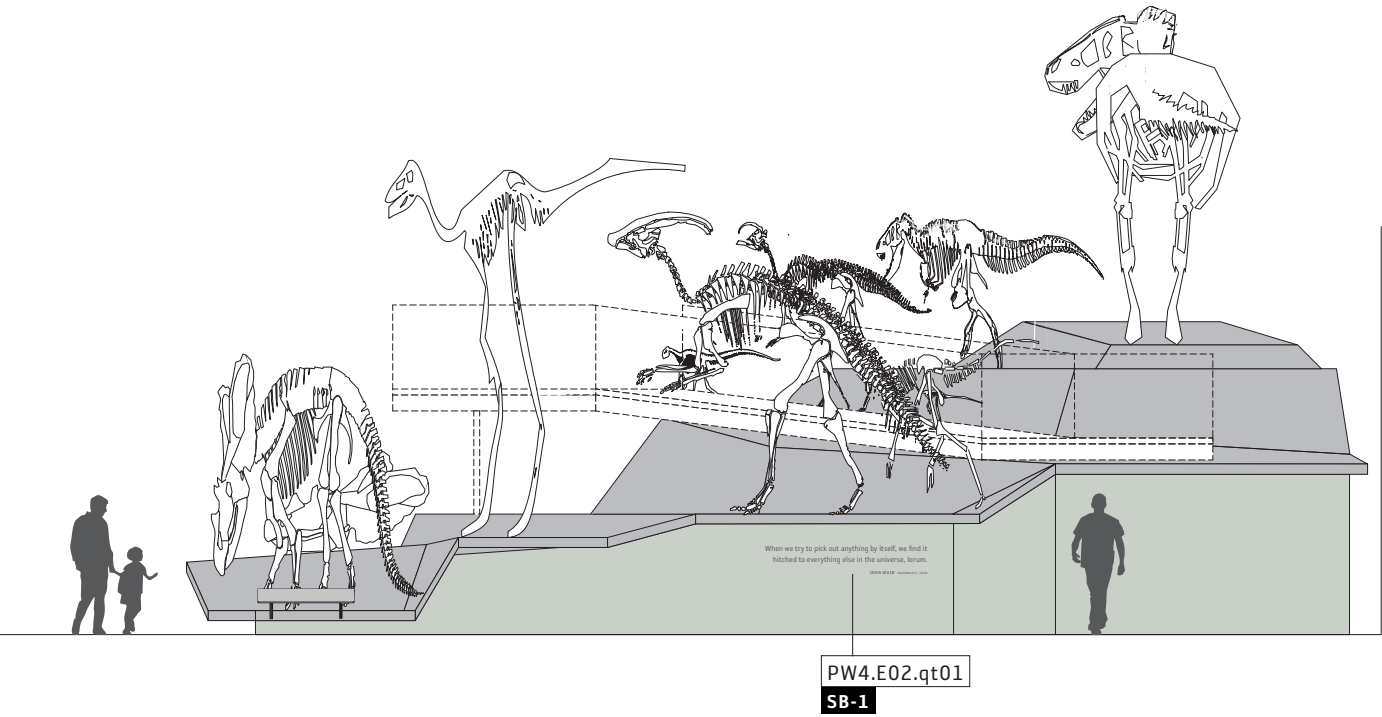
PW2.E03.ca01

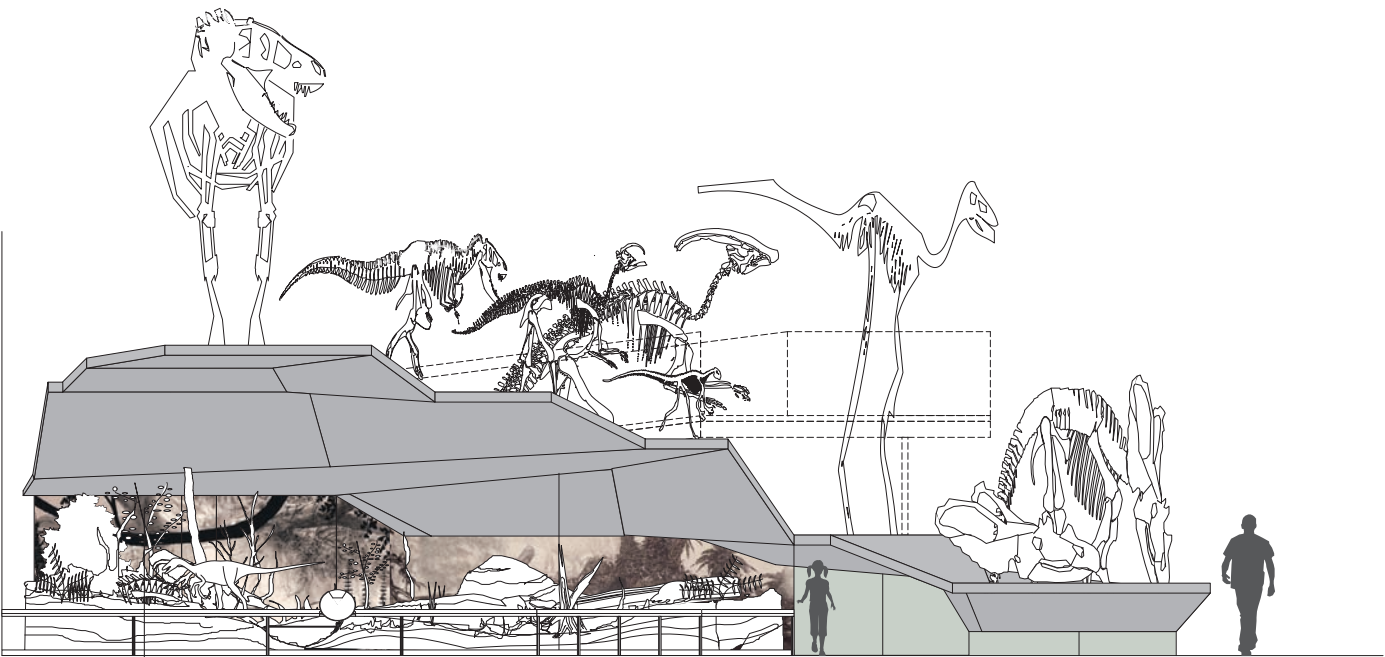




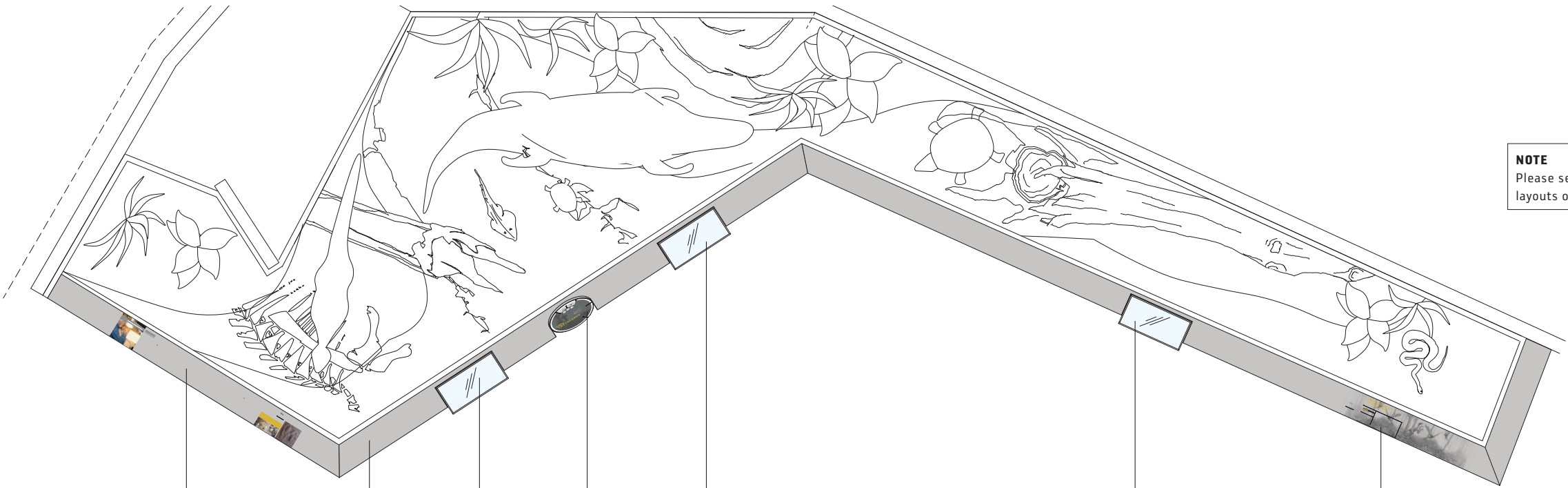
**NOTE**  
Please see typical rail  
layouts on pages 37-39.

[PW] LATE CRETACEOUS PLATFORM  
PAST WORLDS / LEVEL 2





PW4.E03.pm01  
PM-1



**NOTE**  
Please see typical rail  
layouts on pages 37-39.

PW4.E03.gr01  
LG-1

PW4.E03.ap01  
PW4.E03.ap02

PW4.E03.gr02  
LG-1

PW4.E03.rc02  
LG-1  
ar01-03

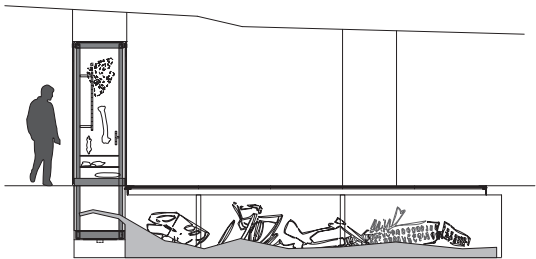
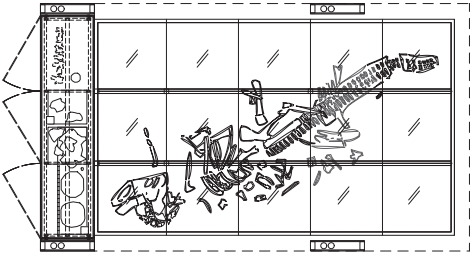
PW4.E03.id01  
LG-1

PW4.E03.rc01  
LG-1  
ar01-03

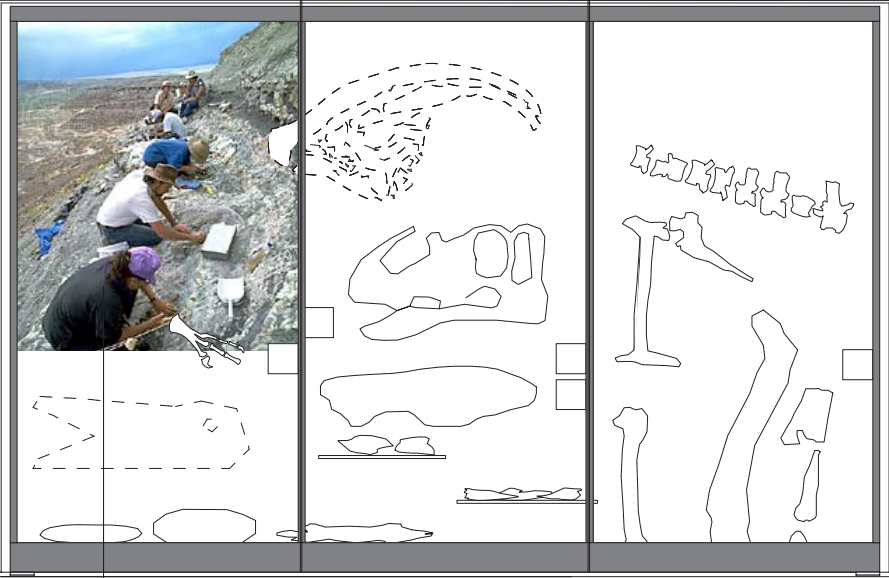
PW4.E03.rc03  
LG-1  
ar01-02

PW4.E03.gr03  
LG-1  
PW4.E03.ms01

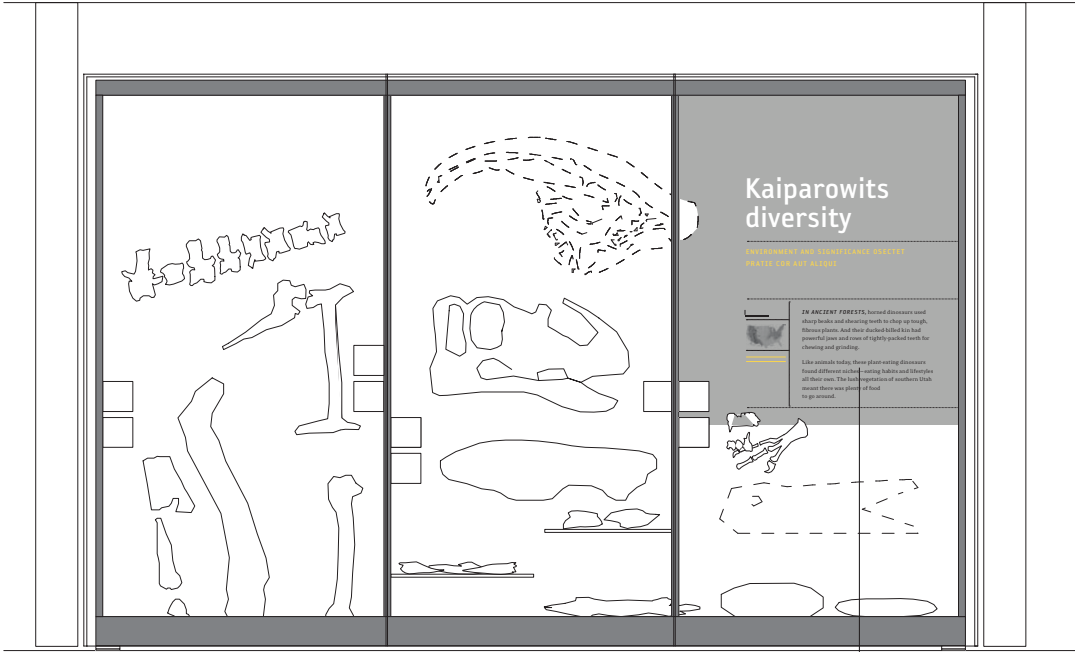




PW4.E03.ca05



PW4.E03.gi01  
II-1



Kaiparowits  
diversity

**IN ANCIENT FORESTS**, horned dinosaurs used  
sharp beaks and chewing teeth to dig up tough,  
thick-skinned plants. And their beaked bills had  
powerful jaws and rows of tightly packed teeth for  
chewing and grinding.

Like animals today, these plant-eating dinosaurs  
had different eating habits and diets.  
all their own. The long legs of some of them  
mean there was plenty of food  
to go around.

PW4.E03.ms01  
SS-1

